SAMSUNG

Wireless Audio - Multiroom
M5
User Manual

imagine the possibilities

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To receive more complete service,
please register your product at

www.samsung.com/register

Contents

UNDERSTANDING YOUR M5

GETTING STARTED

CONNECTIONS

FUNCTIONS

APPENDIX

SAFETY INFORMATION

Understanding Your M5

▚ Before you begin

▌ Communication Basics

| Internet | Wireless Router | Samsung Link |
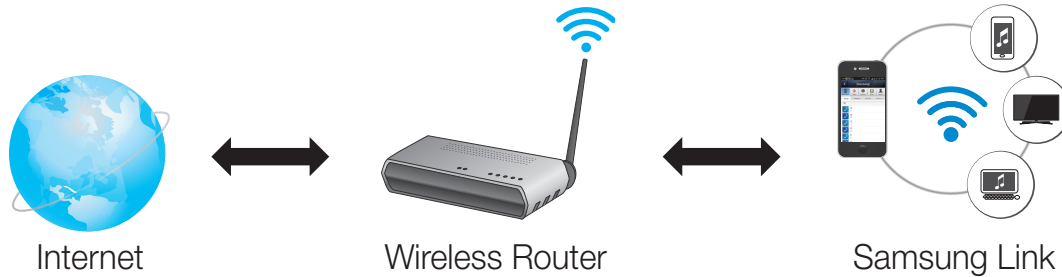
1 Requirements: Wireless Router, Smart Device

2 The wireless router should be connected to the Internet.

3 The smart device should be connected to the router via a Wi-Fi connection.

▚ Basic Connection

Wired

Wireless Router

How you can enjoy your M5

- Stream music through Internet radio, music services, or from the cloud.
- Play music through a Wi-Fi connection from your smart device.
- Play music from your phone, PC, or smart devices via Bluetooth.
- Use the TV SoundConnect function to play sound from your Samsung TV.
- You can configure multiple M5s in a Multi-room set-up with Internet radio, music services, and Device.
  - Note that Bluetooth and TV SoundConnect are not configured for Multi-room set-ups.

You can play music stored in your smart device with the **Samsung Multiroom** App.

Enable the Bluetooth function of your smart device and the **[Samsung]AllConnect** will appear on the device list.

You can play music on devices connected to your local network using App's **Devices** menu.

You can listen to the sound from your Samsung TV through the M5 by using the TV SoundConnect function.

NOTE

✓ Depending on your region or manufacturer, supported streaming music services may differ.

Getting Started

::: Top Panel
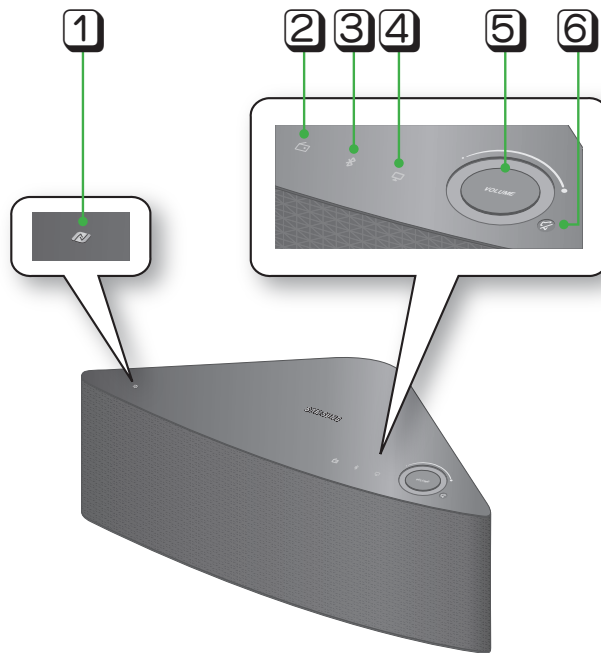
1	**NFC Tag**	Connect your NFC compatible device via Bluetooth to the M5 using the simple NFC tagging procedure. (Android only)
2	**Internet Radio Preset button**	Press this button to listen to an Internet radio station. Each time you press this button, the M5 switches to the next default station, cycling through the 3 default stations.
3	**Bluetooth button**	Press this button to enable Bluetooth.
4	**TV SoundConnect button**	Press this button to enable TV SoundConnect.
5	**Volume Control**	Controls the volume level. ✎ Touch and drag softly with your finger to make adjustments. This will not work if you press with excessive force.
6	**Mute button**	Mutes the sound from this M5. Press again to restore the sound to the previous volume level.

✎ **NOTES**

- ✓ When you turn on the M5, touch buttons appear on its top panel.

- ✓ Press and hold the ✍ **Mute** button for more than 5 seconds to place the M5 into Sleep Mode.

- ✓ Press and hold the 🖵 **TV SoundConnect** button for more than 5 seconds to reset the TV SoundConnect and connect a new TV.

- ✓ You can listen to a radio station by pressing the ⬛ **Internet Radio Preset** button on the top panel of the M5. Each time you press this button, the M5 switches to the next default station, cycling through the 3 default stations.

- ✓ Enable your smart device's Bluetooth by touching it to the 🅽 **NFC Tag** on the top panel of the M5. (Android only)

⠿ Rear Panel

1	SPK ADD button (Speaker Add)	Press this button to add an M5 to your network.
2	WPS/Wi-Fi SETUP button	Press this button to connect your M5 to your network using WPS or Wi-Fi setup.
3	Wall Mount	You can purchase a wall-mount to hang your product on the wall. (For more information, please refer to page 13.) `Press here`
4	SERVICE	For service only. Lets service technicians update the firmware of the M5.
5	ETHERNET	Lets you connect the M5 to your network using a LAN cable.
6	POWER	Connection for the M5's power adapter.

✎ NOTES

✓ **SPK ADD** Button: Press for 1 second to pair your M5 with a HUB.

✓ **WPS / Wi-Fi SETUP** Button:
  - Press for 1 second to connect the M5 to your wireless router using WPS.
  - Press and hold down for more than 5 seconds until you hear a fast, 3 note beep to connect the M5 to your network through your smart device using the Wi-Fi Setup method.

░░ Accessories

Confirm you have the supplied accessories shown below.

Wireless Audio - Multiroom M5	Power Adapter	LAN cable
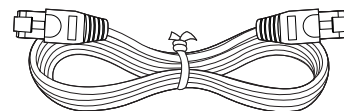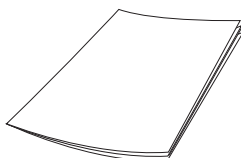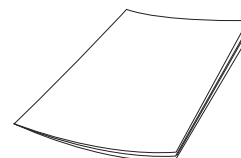
Stand	User manual	Getting started

░░ Available Accessories (Not Included)

HUB: WAM250

> 📝 **NOTES**
>
> ✓ Information on available accessories and their release dates can be found on the Samsung website.
>
> ✓ When purchasing an accessory, check whether it is compatible with the M5.
>
> ✓ Use authentic Samsung accessories. Damage and problems caused by unauthorized accessories can void your warranty.

Connecting the Stand
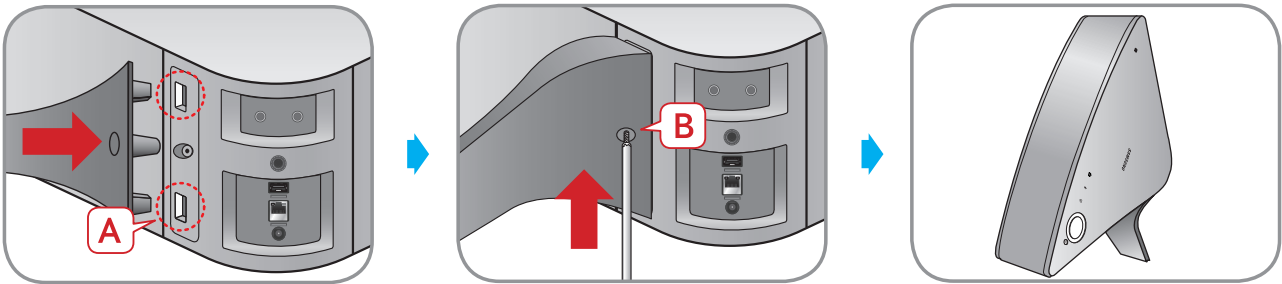
- Insert the stand into slot A of the M5.
- Tighten a screw at B.
- The M5 can now be installed vertically.

> **! Caution**
>
> ✓ Do not place the M5 on an unstable surface.

> **🖉 NOTES**
>
> ✓ Turn the speaker upright using the stand to set the speaker to MONO mode.
> ✓ Turning the product upright or laying it down in the middle of playing music may temporarily cause unstable sound.

Sleep Mode

■ In Wi-Fi / Bluetooth / TV SoundConnect mode

- The M5 switches to the sleep mode if there is no music playback or no button operation (either from the top panel or from the app) for 15 minutes.

> **🖉 NOTES**
>
> ✓ While playing music in the Wi-Fi, Bluetooth, or TV SoundConnect connection modes, the M5 will not switch to the Sleep mode.
> ✓ To switch to the Sleep mode manually, press and hold the ⚡ **Mute** button for more than 5 seconds.

▦ Installing on a wall

You can purchase your preferred wall-mount additionally to install the product on a wall if you want.

■ Considerations for purchasing

For weight and hole size, refer to page 72. `Press here`
- Endurable load : Above 5.1 lbs (2.3kg)
- Hole size : 1/4 - 20 threaded insert

📝 NOTES

- ✓ Since Wall-mount installation is optional, you should additionally purchase corresponding accessories
- ✓ Please have a qualified installer install the Wall Mount Bracket.
- ✓ Ask professional installation company to mount your product on the wall.
- ✓ Check the strength of the wall before you install the Wall Mount Bracket. If the strength is insufficient,make sure to reinforce the wall before installing the Wall Mount Bracket and the M5 on the wall.
- ✓ For more information, please refer to the Wall Mount's manual.
- ✓ Samsung Electronics is not liable for any damage to the product due to the product being installed inappropriately.

Connections

⠿ Connecting M5 following the App guide

1 Connect your smart device to your Wi-Fi network.

2 Download the **Samsung Multiroom** app from Google Play or the App Store.

3 On your Smart device, select the **Samsung Multiroom** app. Setup starts.

4 Follow the directions on your smart device's screen.
(Follow the App's instructions and refer to page 14~33 for further information.) `Press here`

⠿ Connecting with a HUB (Not Included)

- If the M5 fails to connect to your network or its network connection operates abnormally, place the M5 closer to the HUB or your router and try again.
- The M5 is a wireless network device. Its communications with your network may be disrupted because of the distance between it and other devices on the network, obstructions, or interference from other wireless devices.

▌ Connecting the M5(s) to Your Network with a HUB (Not Included)
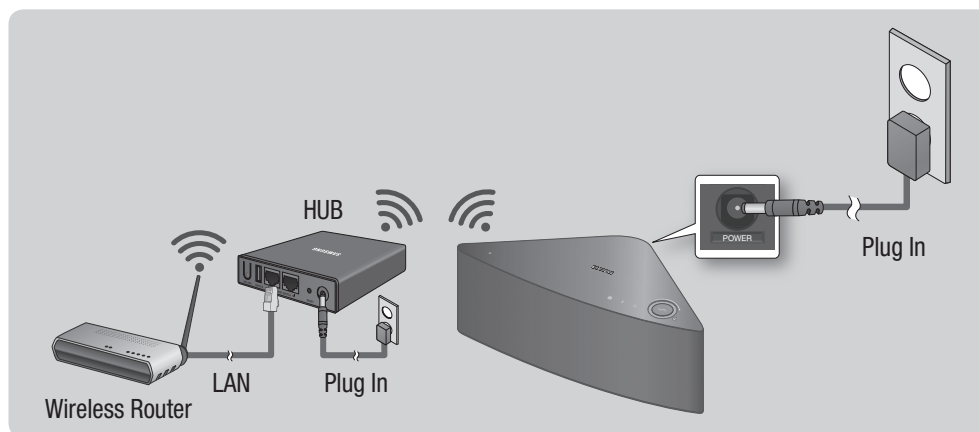
1 Connect a LAN cable to the router and the **ETHERNET SWITCH** on the back of the HUB.

> 📝 **NOTE**
>
> ✓ You can connect the LAN cable to any **ETHERNET SWITCH** Port on the HUB.

2   Attach the HUB's power cord to the power port on the rear of the HUB, and then plug the power cord into an electrical outlet.

3   The power (⏻) and the HUB (Ⴤ) indicators on the HUB's front turn on.
When the pairing indicator (🛜) begins to flash, plug the M5(s) into an outlet.
The pairing indicator on the M5 starts to flash.
If the HUB's pairing indicator does not flash, press the **SPK ADD** button on the rear of the HUB.

> ✎ **NOTE**
>
> ✓ If you are adding multiple M5s, connect all the M5's to electrical outlets. If you are not connecting all the M5s, refer to pages 34~40. `Press here`

4   Wait until the pairing indicator on the M5 stops flashing. If the M5's LED indicator turns solid blue, pairing is complete. The M5 may also beep.

> ✎ **NOTES**
>
> ✓ Place each M5 at least 20 inches (50 cm) from the HUB when connecting them to the HUB.
>
> ✓ Your smart device cannot connect to the M5 or the HUB if there is no wireless router.
>
> ✓ To confirm you have a proper connection, check the pairing indicator on the front of the HUB.
>
> - When you turn on the HUB for the first time, there is a 20 minute pairing period.
>   The pairing indicator (🛜) will blink for these 20 minutes or until pairing occurs. When you press the **SPK ADD** button to pair additional M5s, the pairing period is reduced to 10 minutes. The pairing indicator (🛜) flashes for 10 minutes or until pairing occurs. Turn on the M5 you want to pair while the pairing indicator is flashing.
>
> - If pairing mode has expired, press the **SPK ADD** button on the rear of the HUB to turn on pairing mode again. Then, turn the M5 off and then on or press the **SPK ADD** button on the rear of the M5 to link the M5 to the HUB.
>
> ✓ For a proper connection, connect the HUB to your router before turning on the M5.
>
> - Connecting the M5 to the HUB may take a few minutes.
>
> - There will be a brief sound when the connection is established.

5 Connect your smart device to your Wi-Fi network. (The HUB and the smart device should be connected to the same router.)

6 Download the **Samsung Multiroom** app from Google Play or the App Store.

7 On your smart device, select the **Samsung Multiroom** app. Setup starts.
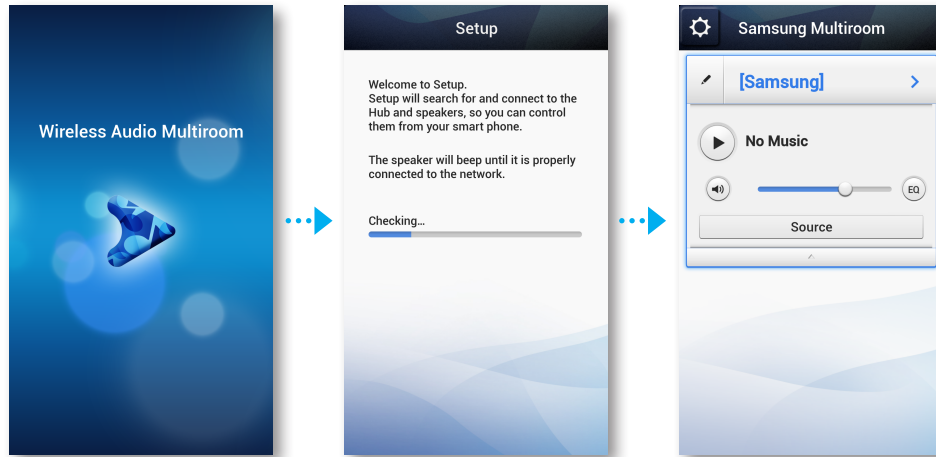
8 If the automatic setup fails, run the App again and follow the instructions in the app guide on your device to connect the M5 and the HUB.

📝 **NOTE**

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

⁝⁝⁝ Connecting without a HUB (Not Included)

- If the M5 fails to connect to your network or its network connection operates abnormally, place the M5 closer to the HUB or your router and try again.
- The M5 is a wireless network device. Its communications with your network may be disrupted because of the distance between it and other devices on the network, obstructions, or interference from other wireless devices.

▌ Connecting the M5 to Your Network with a LAN Cable (For a Single M5)
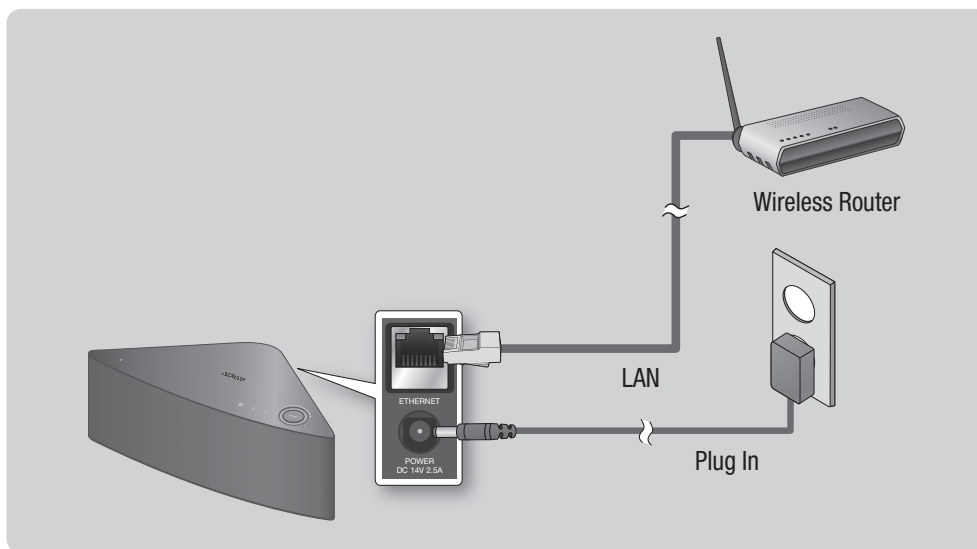
1   Connect one end of the LAN cable to the M5's **ETHERNET** port. Connect the other end to your wireless router. (You cannot use the M5 without a wireless router.)

2   Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.

3   Connect your smart device to your Wi-Fi network.

4   Download the **Samsung Multiroom** app from Google Play or the App Store.

5   On your Smart device, select the **Samsung Multiroom** app. Setup starts.
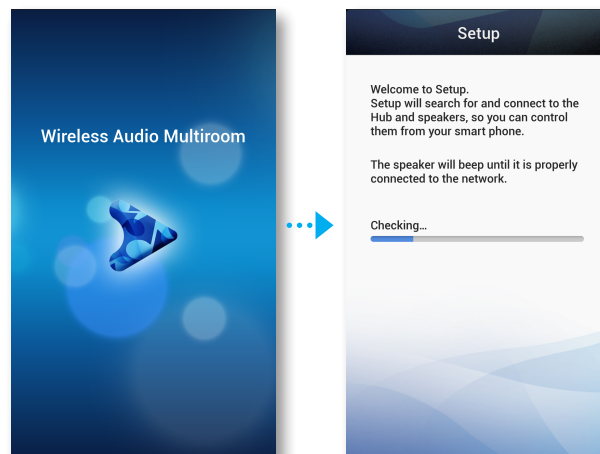
6 In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select **M3/M5/M7**, and then press **Next**. On the next screen, select **Wired**, and then press **Next**.

7 Unplug the M5's power cable, and then plug it in again.

Setup

The Hub and speakers cannot be found. Please choose one of the following options:
- I have a Hub
- I don't have a Hub

If you don't have a Hub
Select Next to connect your speaker directly to your network.
(Single Speaker setup only)

Next

Setup

Selects the type of device.
- M3/M5/M7
- Soundbar
- Link Mate

Previous   Next

Single Speaker Setup

Your speaker can be connected to the network in three ways.
Please choose one of theses options:
- Wired
- up

Direct wired connection to Router/Modem. (Not Supplied)

Previous   Next

Single Speaker Setup : Wired

Connect an Ethernet cable between your router or modem and the LAN port on the back of the speaker.

Unplug the power cable from the Speaker.

Plug the power cable into the speaker.

Blue LED: Network connection is OK.

Red LED: Unplug and re-plug the power cable.

Previous   Next

Single Speaker Setup : Wired

Checking for a speaker

Checking…

⚙ Samsung Multiroom

✎ [Samsung]   ›

▶ No Music

🔊 ━━━━━○━━━ EQ

Source

📝 **NOTE**

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

# ❚ Connecting the M5 to Your Network via the WPS Method (For a Single M5)

WPS/Wi-Fi SETUP button

WPS button

Plug In

ETHERNET

POWER
DC 14V 2.5A

Wireless Router
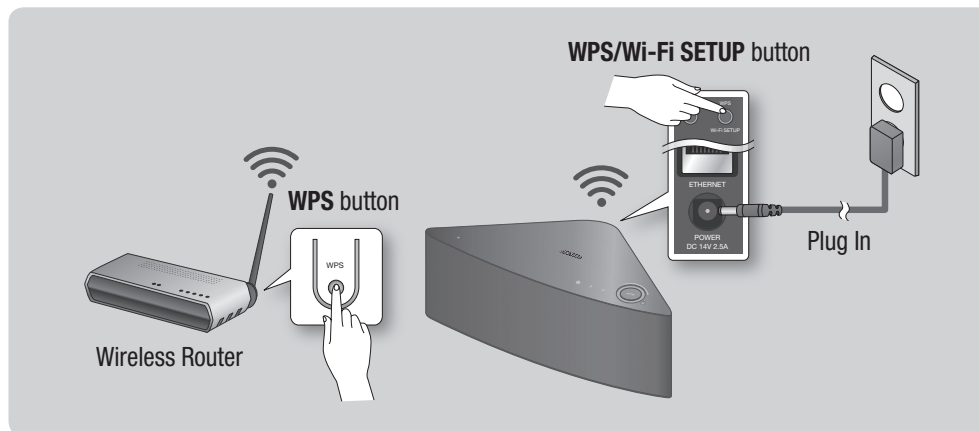
📝 NOTES

- ✓ The M5 does not support Wi-Fi Direct or Wi-Fi Setup (tethering).
- ✓ Some Wi-Fi devices may search for and find the M5, but not support the connection.
- ✓ For activation of the WPS function on a relevant AP, refer to the AP's manual.
- ✓ The WPS function may not be supported on some APs.
  In that case connect to the Internet using a wired network or the M5's Wi-Fi Setup.

1 Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.

2 Connect your smart device to your Wi-Fi network.

3 Download the **Samsung Multiroom** app from Google Play or the App Store.

4 On your smart device, select the **Samsung Multiroom** app. Setup starts.

Wireless Audio Multiroom

Setup

Welcome to Setup.
Setup will search for and connect to the
Hub and speakers, so you can control
them from your smart phone.

The speaker will beep until it is properly
connected to the network.

Checking...

5   In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select
M3/M5/M7, and then press **Next**. On the next screen, select **WPS**, and then press **Next**.
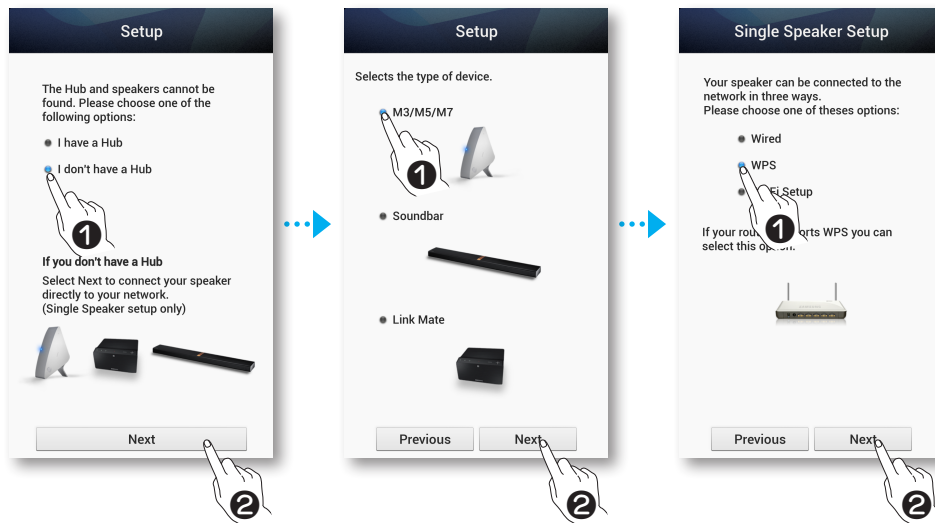
6   Press the **WPS** button on your wireless router, and then press the **WPS/Wi-Fi SETUP**
button on the back of the M5. Once the M5 is connected, the M5 produces a sound, and
the LED pairing indicator on the front stops flashing.
Press **Next** on your smart device when the LED pairing indicator stops flashing.

 NOTES

  ✓ The M5 goes into stand-by for 2 minutes when you press the **WPS/Wi-Fi SETUP** button. While the M5
is in stand-by, press the WPS button of your router.

  ✓ For the WPS stand-by duration and the specifications of your router, refer to the router's manual.

  ✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own
choosing.

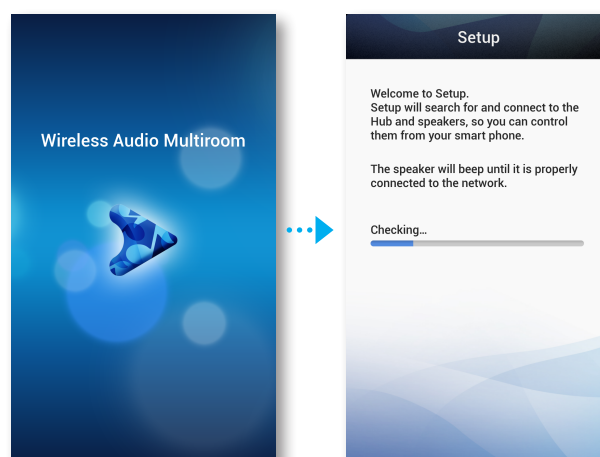# ❚ Connecting the M5 to Your Network via the Wi-Fi Setup Method (For a Single M5) - For Android
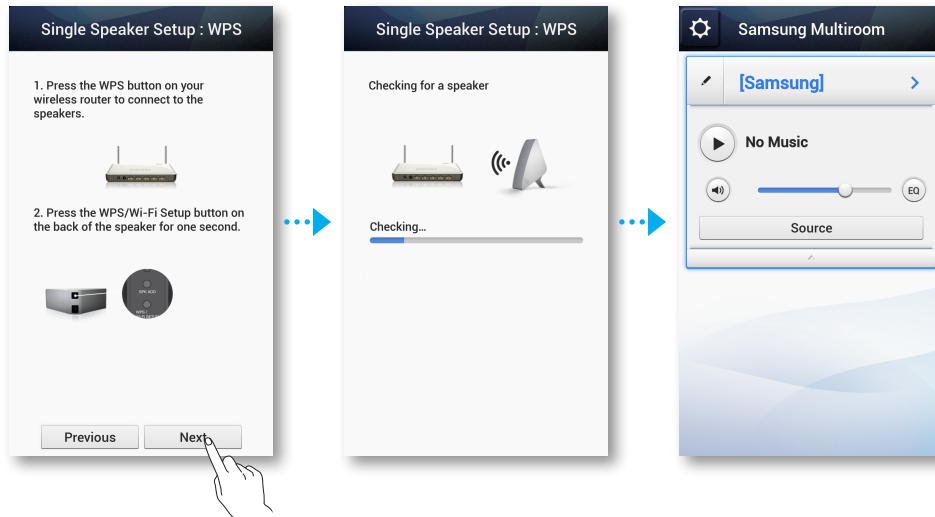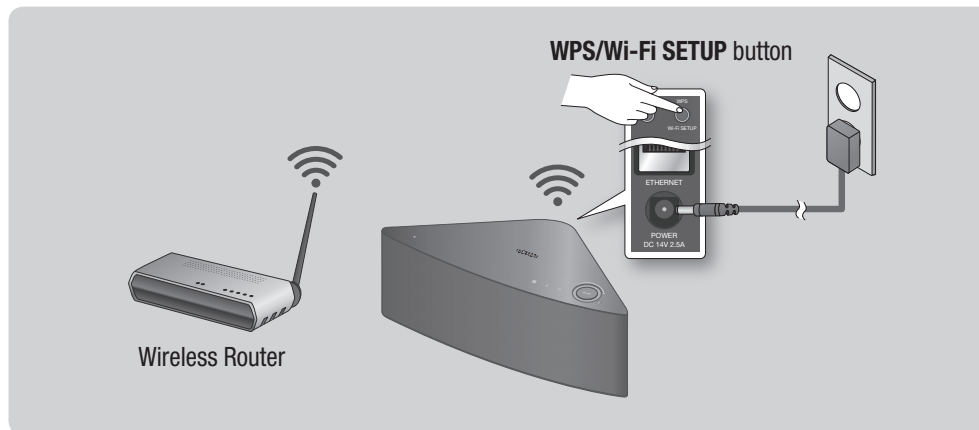

WPS/Wi-Fi SETUP button

Wireless Router

1   Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.

2   Connect your smart device to your Wi-Fi network.

3   Download the **Samsung Multiroom** app from Google Play.

4   On your smart device, select the **Samsung Multiroom** app. Setup starts.

5   In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select **M3/M5/M7**, and then press **Next**. On the next screen, select **Wi-Fi Setup**, and then press **Next**.

Wireless Audio Multiroom

Setup

Welcome to Setup.
Setup will search for and connect to the
Hub and speakers, so you can control
them from your smart phone.

The speaker will beep until it is properly
connected to the network.

Checking...

Setup

The Hub and speakers cannot be
found. Please choose one of the
following options:

● I have a Hub
● I don't have a Hub

If you don't have a Hub
Select Next to connect your speaker
directly to your network.
(Single Speaker setup only)
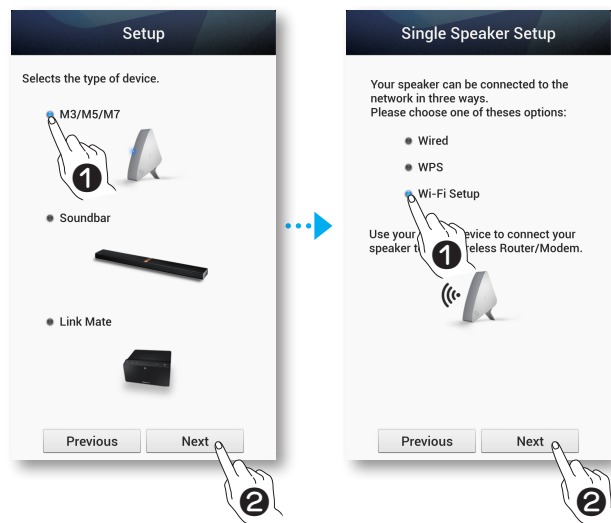
Next

6 Press and hold the **WPS/Wi-Fi SETUP** button on the back of your M5 for 5 seconds. The indicator LED stops blinking and turns solid blue. You should also hear a notification sound.

7 Press **Next**. The smart device lists available networks and devices.

8 Select **[Samsung] M5**. This is the default M5 name. The M5 connects to your smart device.
(The default security PIN is 1234567890.)

9 Press **Next**. The smart device lists available networks. Select your network from the list.
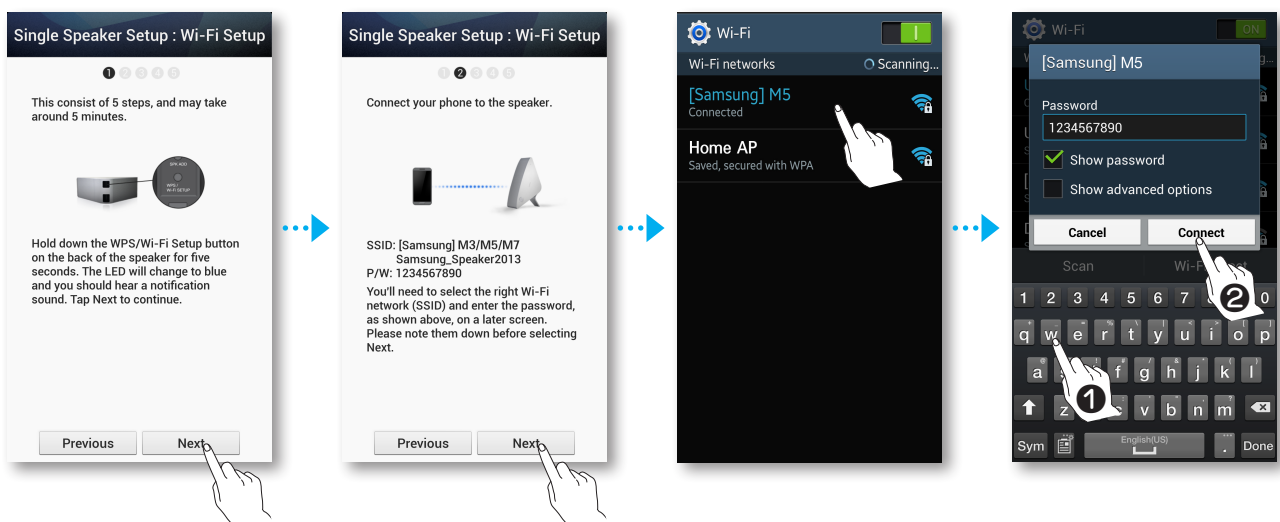
10 If you have a password for your network, the Security screen appears on your smart device. Use the keyboard that appears to enter your password.
When done, press **Done**.

Single Speaker Setup : Wi-Fi Setup

The phone and speaker are now connected. Press Next to continue.

Previous   Next

Single Speaker Setup : Wi-Fi Setup

Select a Wi-Fi network for connecting the speaker.

Wi-Fi Networks

Home-AP

①

②

Cancel

Single Speaker Setup: Wi-Fi Setup

Enter the password for Home-AP

☐ Show Password

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 0 |
q w e r t y u i o p
a s d f g h j k l
↑ z x c v b n m ⌫
Sym KF En ⚙ ␣ . Done
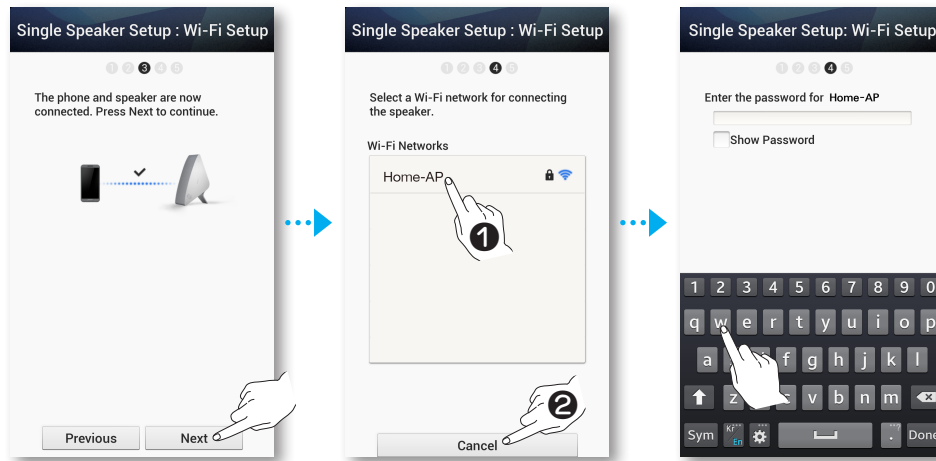
NOTES

✓ The AP selection screen may appear again depending on the mobile phone you are using. If this occurs, select the AP you are using again.

11 Your smart device connects to the same network your M5 is attached to. When the connection is complete, press **Next**.

Single Speaker Setup: Wi-Fi Setup

Press Next to connect your phone to the same Wi-Fi network as your Speaker.

Previous   Next

Wi-Fi

Wi-Fi networks   ◌ Scanning...

Home AP
Connected

[Samsung] [
Saved, secured wi

Scan   Wi-Fi Direct

⚙ Samsung Multiroom

[Samsung]   ›

▶ No Music

◀))   ─────●──────   EQ

Source

NOTES

✓ Connecting to a secure wireless network requires the correct password.
- For the password of your secured home or work wireless network, consult your Internet service provider or the network administrator.
- For the password of a Wi-Fi network in a public place such as a cafe or theater, consult the location's general manager or information center.

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

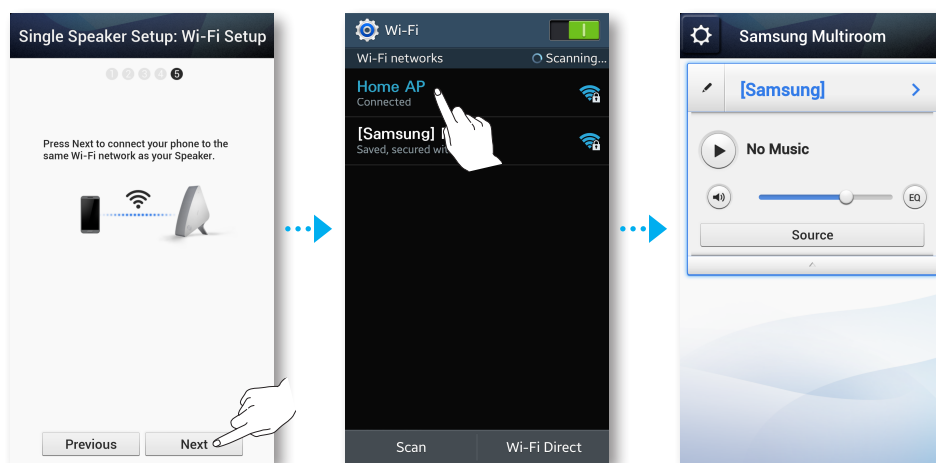# ❚ Connecting the M5 to Your Network via the Wi-Fi Setup Method (For a Single M5) - For iOS

WPS/Wi-Fi SETUP button

Wireless Router

1   Plug the M5 into an electrical outlet. The LED pairing indicator starts to blink.

2   Connect your smart device to your Wi-Fi network.

3   Download the **Samsung Multiroom** app from the App Store.

4   On your smart device, select the **Samsung Multiroom** app. Setup starts.

5   In the app, select "**I don't have a Hub**", and then press **Next**. On the next screen, select **M3/M5/M7**, and then press **Next**. On the next screen, select **Wi-Fi Setup**, and then press **Next**.
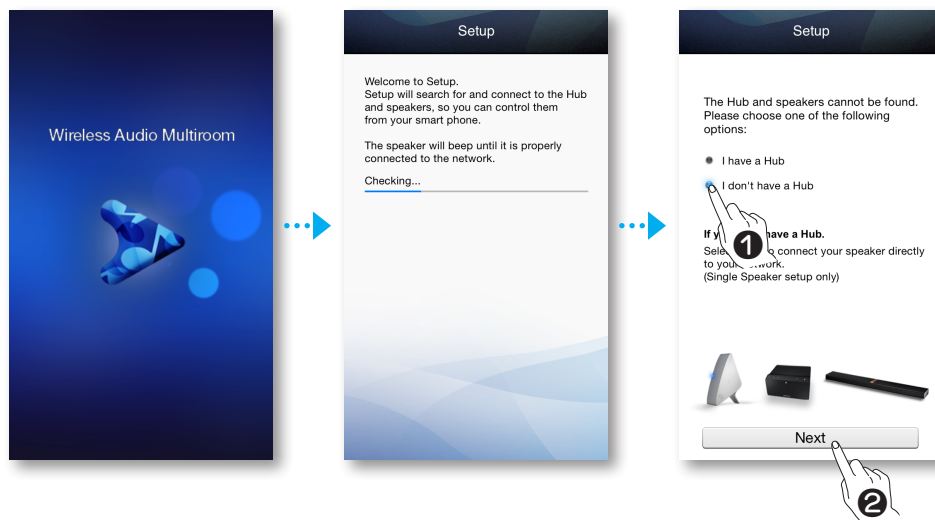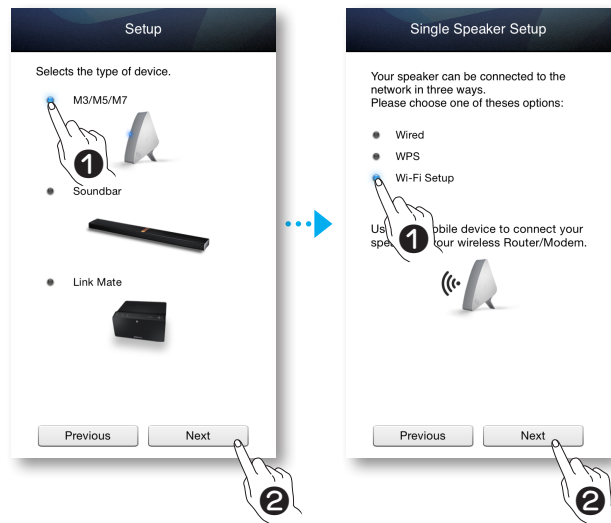
6 Press and hold the **WPS/Wi-Fi SETUP** button on the back of your M5 for 5 seconds. The indicator LED stops blinking and turns solid blue. You should also hear a notification sound.

7 Press **Next**.
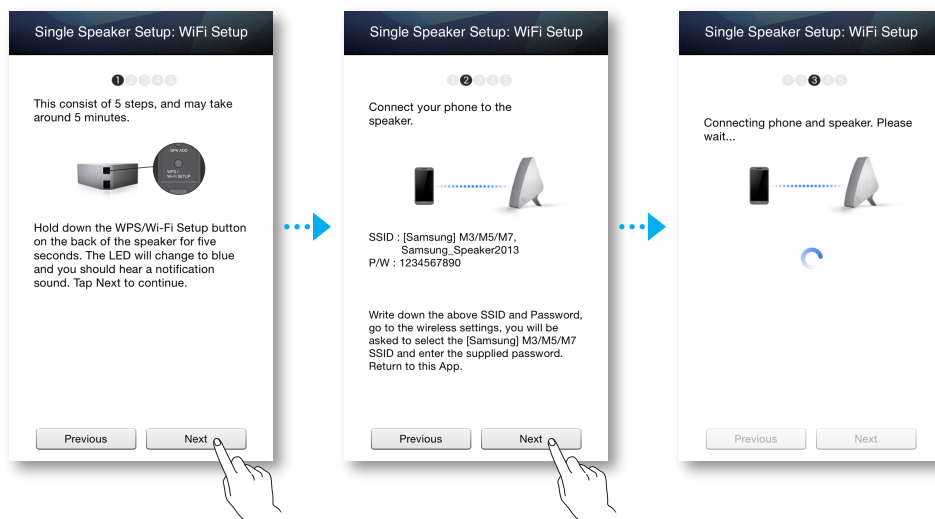
8 Press the smart device's Home button to leave app and select **Settings**.

9 Choose the M5's Wi-Fi point.

10 Select **[Samsung] M5**. This is the default M5's name. The M5 connects to your smart device.
(The default security PIN is 1234567890.)

Settings		Settings Wi-Fi
Airplane Mode		Wi-Fi
Wi-Fi Home-AP		✓ Home-AP
Bluetooth On		CHOOSE A NETWORK...
Cellular		[Samsung] M5
Carrier		
Notification Center		
Control Center		
Do Not Disturb		
General		

11 Use the keyboard that appears to enter your password.

Enter the password for "[Samsung] M5"

Cancel   **Enter Password**   Join

Password

Q W E R T Y U I O P
A S D F G H J K L
Z X C V B N M

.?123   space   Join
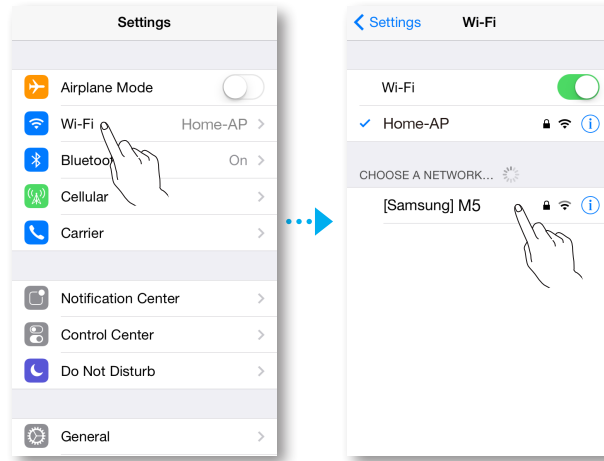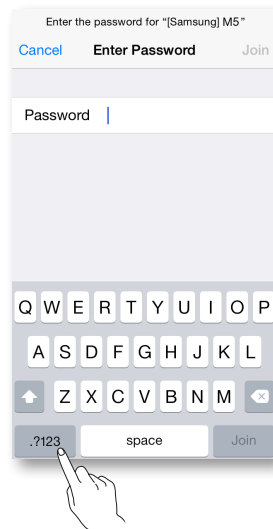
12 On your smart device, select the **Samsung Multiroom** app.

13 Press the **Next** on the app screen. The smart device lists available networks. Select your network from the list.

14 If you have a password for your network, the Security screen appears on your smart device. Use the keyboard that appears to enter your password.
When done, press **Connect**.
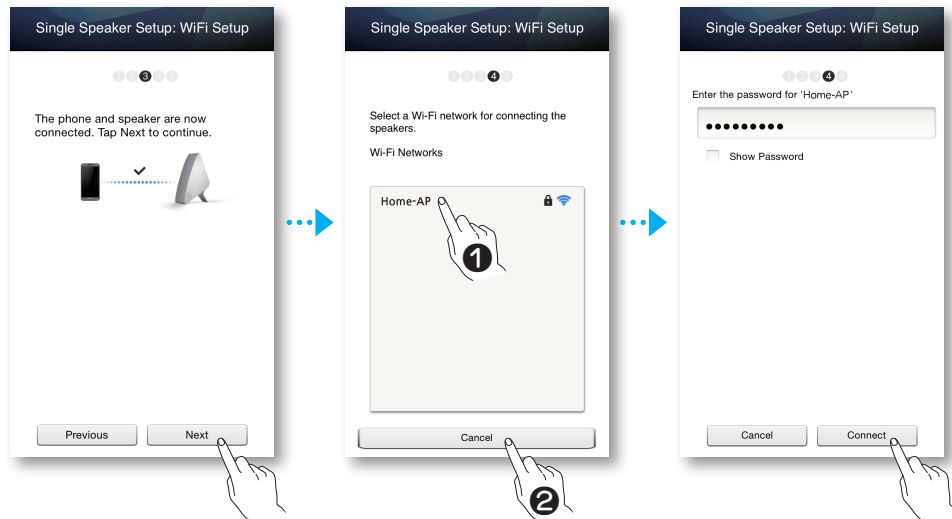
15 Your smart device connects to the same network your M5 is attached to.
When the connection is complete, press **Next**.
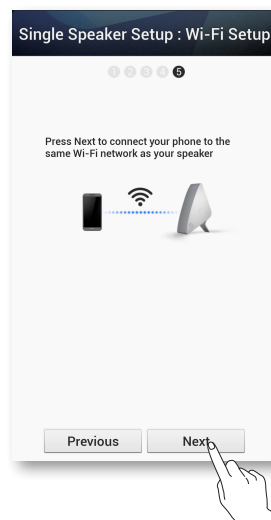
16 Press the smart device's Home button to leave the app, and then select **Settings**.

17 Choose the M5's Wi-Fi point.
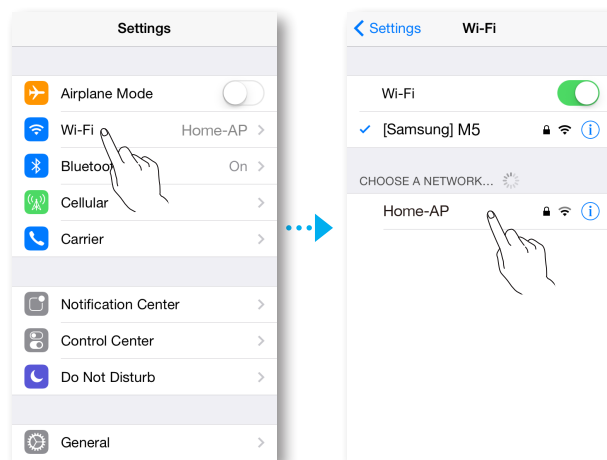
Settings			‹ Settings	Wi-Fi
✈ Airplane Mode	⬭		Wi-Fi	🟢
📶 Wi-Fi	Home-AP ›		✓ [Samsung] M5	🔒 📶 ⓘ
✳ Bluetooth	On ›		CHOOSE A NETWORK...	
📶 Cellular	›		Home-AP	🔒 📶 ⓘ
📞 Carrier	›			
📋 Notification Center	›			
🎛 Control Center	›			
🌙 Do Not Disturb	›			
⚙ General	›			

18 On your smart device, select the **Samsung Multiroom** app.
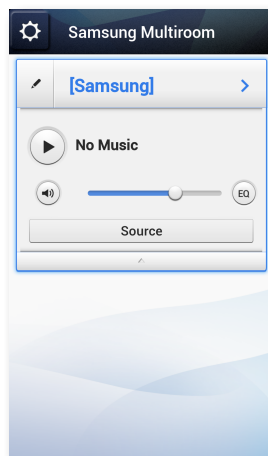
⚙ Samsung Multiroom

✎ [Samsung] ›

▶ No Music

🔊 ────────●──── EQ

Source

📝 **NOTES**

✓ Connecting to a secure wireless network requires the correct password.
   - For the password of your secured home or work wireless network, consult your Internet service provider or the network administrator.
   - For the password of a Wi-Fi network in a public place such as a cafe or theater, consult the location's general manager or information center.

✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

⠿ Connecting with TV SoundConnect function

This section explains how to connect the M5 to Bluetooth compatible SAMSUNG TVs.

Connect

TV
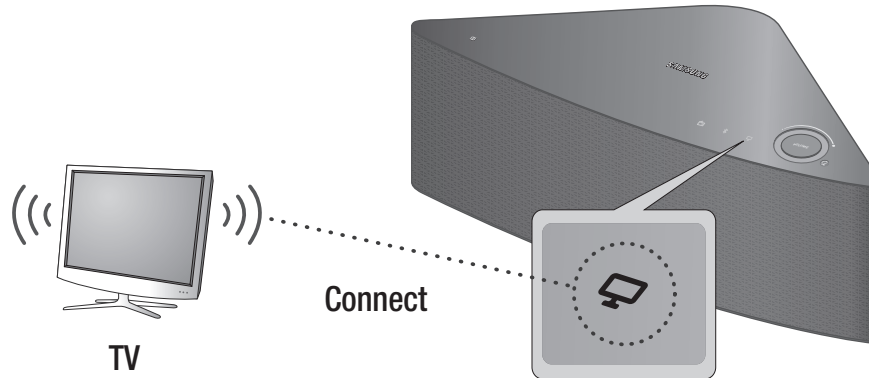
1. Plug the M5 into an outlet, and then press the ⬚ **TV SoundConnect** button on its top panel.

2. Set **Add New Device** to **On** in the TV's **TV SoundConnect** Settings menu. (Refer to the TV's user manual for details.)
   A message asking whether to proceed with Bluetooth pairing appears.

3. Select **Yes**.
   The M5 pairs with the TV.

4. Select the video or audio source you want (cable channel, streaming movie, music list, etc.).

5. The M5 plays the audio of the source you selected.

📝 NOTES

✓ Press and hold the ⬚ **TV SoundConnect** button for more than 5 seconds to reset the TV SoundConnect.

✓ Optimal pairing distance is 3.3 feet(1 m) or less.

✓ If you unplug the M5, the TV SoundConnect connection is terminated. To re-establish the connection, plug the M5 into an outlet, and then set the TV SoundConnect connection again.

✓ When the M5 is sleep mode, the TV SoundConnect connection is not terminated.

✓ Only one M5 can be connected to the TV via TV SoundConnect.

✓ Operational range of TV SoundConnect

   - Recommended pairing range: up to 3.3 feet(1 m).

   - Recommended operating range: up to 6.5 feet(2 m).

   - The connection may be lost or sound may stutter if the distance between the TV and the M5 exceeds 6.5 feet(2 m).

✓ Before activating this function, be sure to activate the Samsung TV's SoundConnect or SoundShare mode.

✓ The SoundConnect feature is available on some Samsung TVs released since 2012. Check whether your TV supports the SoundShare or SoundConnect function.
(For further details, refer to the TV's user's manual.)

✓ Instability in the network environment may cause connection to be lost or sound to stutter.

▌ Disconnecting TV SoundConnect

To disconnect the TV SoundConnect connection, turn off the TV SoundConnect function on your TV.
(For more information, please refer to the TV's user manual.)
You can also disconnect the TV SoundConnect connection in the App.

1 On your Smart device, select the **Samsung Multiroom** app.

2 Press the **Source** button.

**3** Switch to another mode and the TV SoundConnect connection terminates.

NOTES

✓ To establish a Wi-Fi connection, see pages 14~28. `Press here`
To establish a Bluetooth connection, see pages 31~32. `Press here`

✓ You can also terminate the TV SoundConnect connection by pressing the ✳ **Bluetooth** or ⌂ **Internet Radio Preset** button on the M5.

Connecting the M5 to Bluetooth Devices

You can connect the M5 to Bluetooth devices and enjoy music with high quality stereo sound, all without wires.

Bluetooth technology lets Bluetooth-compliant devices interconnect easily with each other using a short, wireless connection.

To connect a Bluetooth device to your M5, follow these steps:

Connect
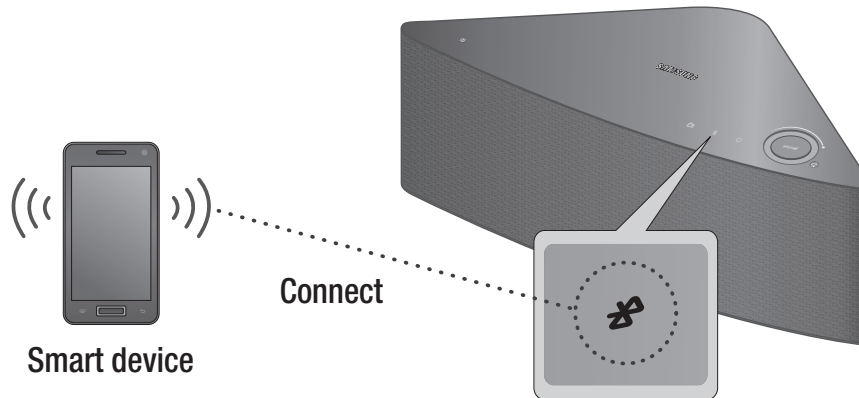
Smart device

1   Plug the M5 into an electrical outlet, and then press the ❋ **Bluetooth** button on its top panel.

2   Enable your smart device's Bluetooth function, and then select **Scan**.

3   Select the **[Samsung]AllConnect**

4   Select the desired track to play from your smart device's music list.

5   The M5 plays the track you selected.

📝 NOTES

- ✓ A Bluetooth device may cause noise or malfunction, depending on usage, when:
    - A part of your body is in contact with the receiving/transmitting system of the Bluetooth device or the M5.
    - It is subject to electrical variation from obstructions caused by a wall, corner, or by office partitioning.
    - It is exposed to electrical interference from same frequency-band devices including medical equipment, microwave ovens, and wireless LANs.
- ✓ Pair the M5 with the Bluetooth device while they are close together.
- ✓ The further the distance between the M5 and the Bluetooth device, the worse the quality. If the distance exceeds the Bluetooth operational range, the connection is lost.
- ✓ The Bluetooth connection only works when the Bluetooth device is close to the M5. The connection is automatically cut off if the Bluetooth device moves out of range. Even within range, the sound quality may be degraded by obstacles such as walls or doors.
- ✓ This M5 may cause electric interference during its operation.

✓ In Bluetooth connection mode, the Bluetooth connection will be lost if the distance between the M5 and the Bluetooth device exceeds 16.25 ft (5m).

✓ You may be required to enter a PIN code (password) when connecting the Bluetooth device to the M5. If the PIN code input window appears, enter 0000.

✓ The M5 supports SBC data (44.1kHz, 48kHz).

✓ The AVRCP feature is not supported.

✓ Connect only to a Bluetooth device that supports the A2DP (AV) function.

✓ You cannot connect to a Bluetooth device that supports only the HF (Hands Free) function.

✓ Only one Bluetooth device can be paired at a time.

✓ If you unplug the M5, the Bluetooth connection is terminated. To re-establish the connection, plug the M5 into an outlet, and then set the Bluetooth connection again.

▌ Disconnecting Bluetooth

To disconnect the Bluetooth connection, turn off the Bluetooth function on your smart device.
(For more information, please refer to the smart device's user manual.)
You can also disconnect the Bluetooth connection in the App.

1 On your smart device, select the **Samsung Multiroom** app.

2 Press the **Source** button.

3 Switch to another mode and the Bluetooth connection will terminate.

📝 NOTES

✓ To establish a Wi-Fi connection, see pages 14~28. `Press here`
To establish a TV SoundConnect connection, see pages 29~30. `Press here`

✓ You can also terminate the Bluetooth connection by pressing the 🖥 **TV SoundConnect** or 📻 **Internet Radio Preset** button on the M5.

⊞ Connecting with NFC function - For Android

You can connect the M5 to Bluetooth devices easily by gently touch the smart device to the Ⓝ mark on the top panel of the M5.

Connect your NFC compatible device to enjoy music with high quality stereo sound, all without wires.

Connect
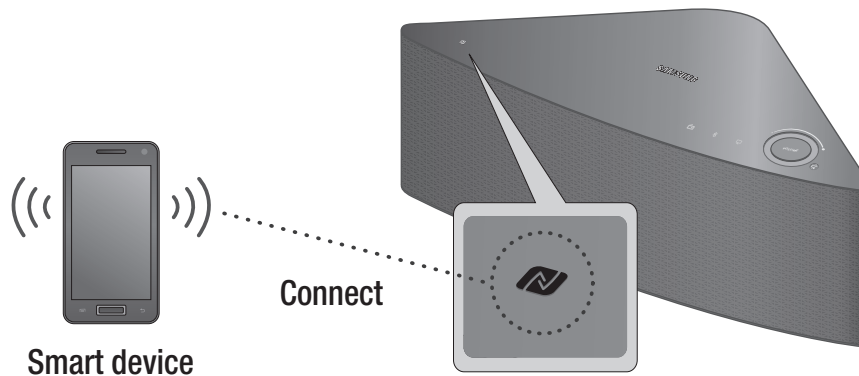
Smart device

1 Plug the M5 into an electrical outlet.

2 Turn on the NFC function on your Smart device, and then gently touch the device to the Ⓝ mark on the top panel of the M5.

3 The Bluetooth screen appears on your Smart device.

4 Select **OK**.

5 Select the desired track to play from your smart device's music list.

6 The M5 plays the track you selected.

✎ NOTES

✓ To disconnect the Bluetooth connection, gently touch the smart device to the Ⓝ mark on the top panel of the M5 again.

✓ Please be careful not to disturb other buttons around the NFC tag.

✓ Do not place or play back your NFC device on top of the NFC tag on the M5. Vibrations from the music may cause the device to tip over and cause the M5 to disconnect or damage the device.

✓ The NFC function is built into Android devices running Android OS 4.1 Jellybean or later.

✓ The position of the NFC antenna differs on different devices. Check where the NFC antenna is before connecting.

✓ If your device is covered with a thick case, the connection may not succeed.

✓ The Ⓝ mark is a trademark or registered trademark of NFC Forum, Inc. in the United States and in other countries.

✓ If you unplug the M5, the NFC connection is terminated. To re-establish the connection, plug the M5 into an outlet, and then set the NFC connection again.

✓ Tagging the NFC label while the App has not been installed;it guides to the web page for installing the App.

✓ If tagged, the NFC label with the App installed, the App runs automatically.

▲ Adding an M5

- Before adding an M5, unplug all M5s that are connected to the **Samsung Multiroom** app.
- If you add a new HUB and an extra M5 and connect them to the same wireless router that an existing M5 is connected to, the existing M5 will disappear from the **Samsung Multiroom** app. To re-connect the existing M5, connect it to the newly added HUB.

▌ Connecting M5 following the App guide

■ With Hub - New Speaker

1   Press the ✿ button.
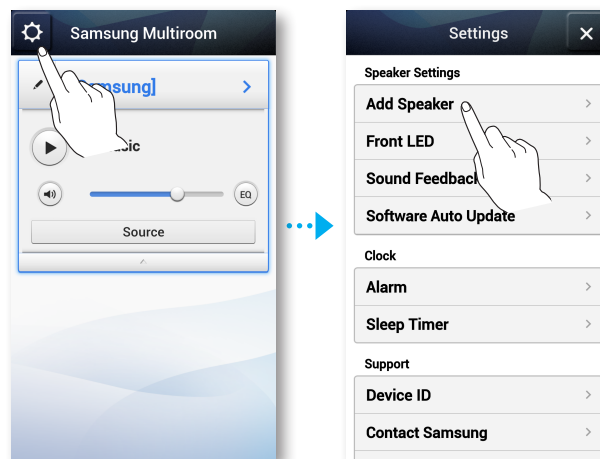
2   Select the **New Speaker**, and then press **M3/M5/M7**.
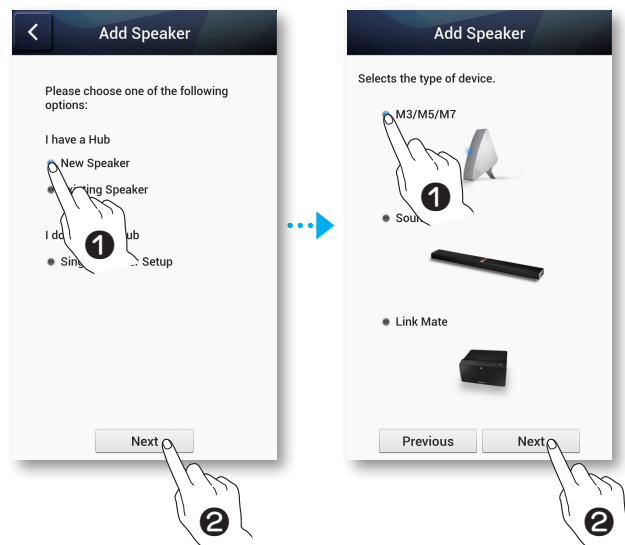
3 Disconnect the speaker's power cable, and then connect it again.
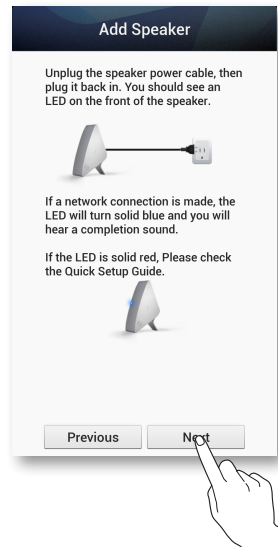
■ **With Hub - Existing Speaker**

1 Press the ⚙ button.
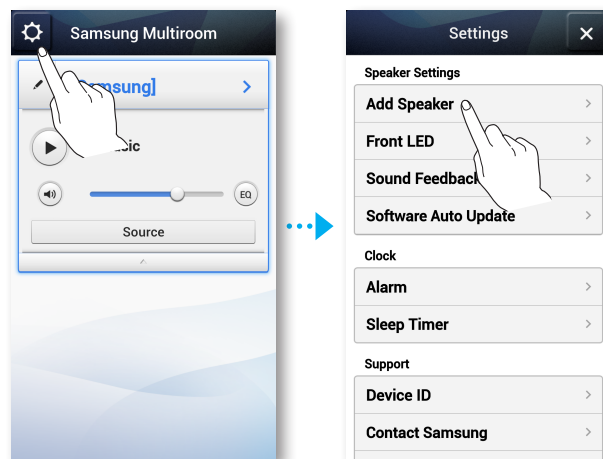
2 Select the **Existing Speaker**, and then press **M3/M5/M7**.

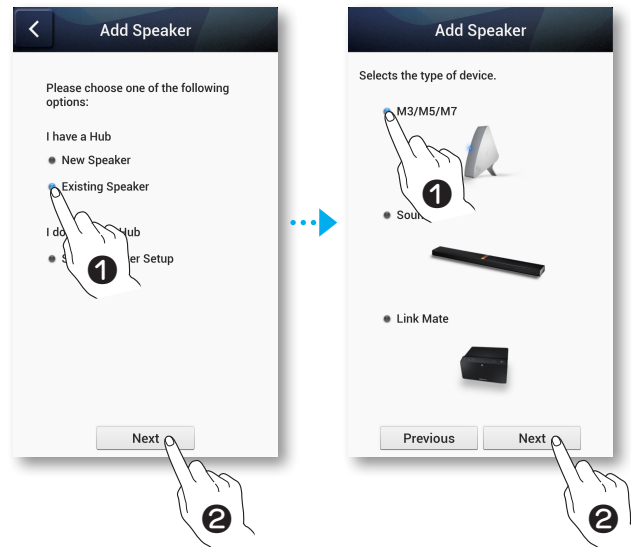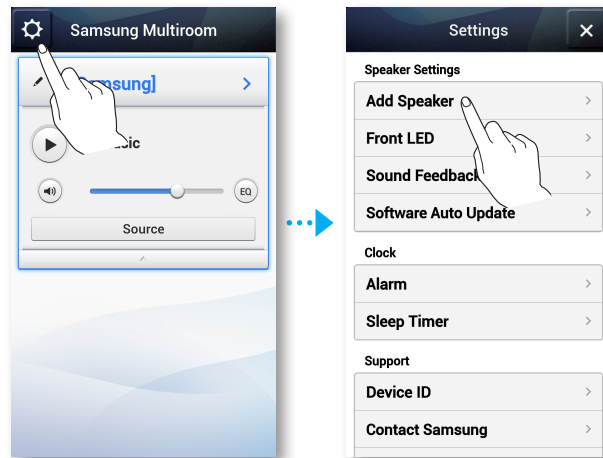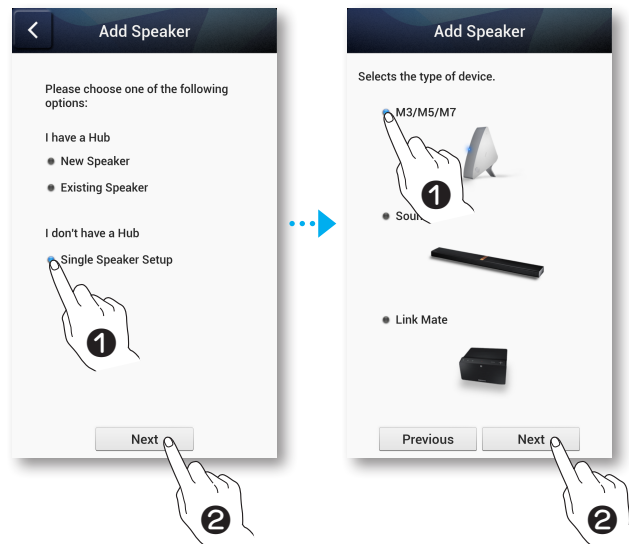**3** Press the **SPK ADD** button on the back of the M5.

■ Without Hub

1   Press the ✿ button.

2   Select the **Single Speaker Setup**, and then press **M3/M5/M7**.

3   Select the desired connection method.
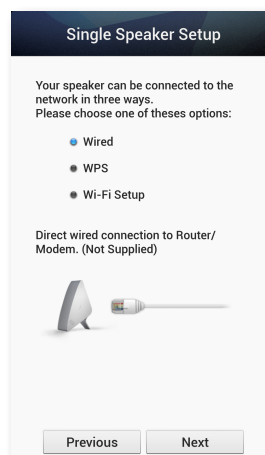
❚ Adding an extra M5 to a HUB that is connected to an M5

1 Press the **SPK ADD** button on the back of the HUB.
(The Pairing indicator on the front of the HUB will blink.)

> ✎ **NOTE**
>
> ✓ The pairing indicator (🛜) flashes during the pairing mode. You plug in M5 whille the indicator is flashing.

2 Plug the M5 you are adding into an electrical outlet, and then press the **SPK ADD** button on the back of the M5.
When the M5 connects to the HUB, the M5 beeps or sounds, and the M5's LED indicator stops flashing.

3 On your smart device, select the **Samsung Multiroom** app. Setup starts.
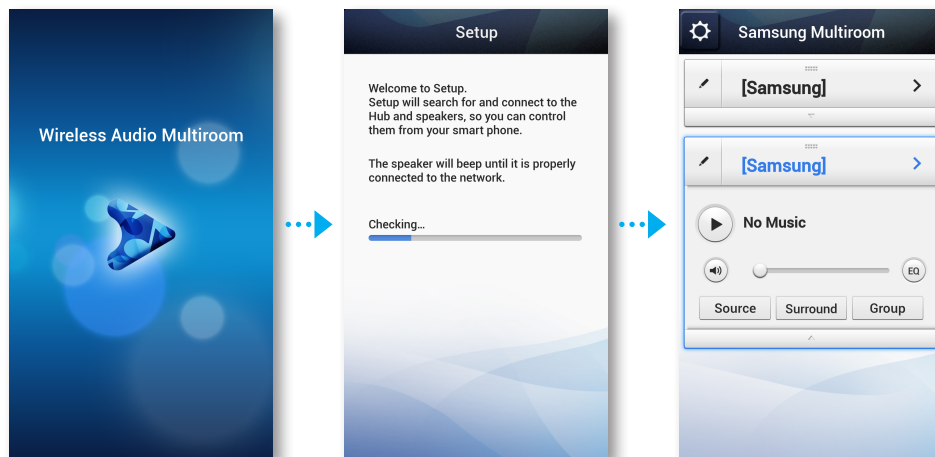
Wireless Audio Multiroom	**Setup** Welcome to Setup. Setup will search for and connect to the Hub and speakers, so you can control them from your smart phone. The speaker will beep until it is properly connected to the network. Checking…	⚙ Samsung Multiroom ✎ [Samsung] › ✎ [Samsung] › ▶ No Music 🔊 ⎯⎯⎯⎯ EQ Source Surround Group

> ✎ **NOTE**
>
> ✓ After pairing is complete, the M5 naming screen appears. Edit the name or enter a name of your own choosing.

▮ Adding another M5 and Hub to a single M5 in use

■ When the M5 in use is connected to the router with a LAN cable

1 Disconnect the LAN cable from the M5 in use.

2 Connect the HUB to the wireless router with the LAN cable, and then plug in the HUB's power cable.

3 Plug in the power cable of the new M5. The new M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing. When the indicator stops flashing, pairing is complete. The M5 may also beep.

4 Turn off the old M5 by disconnecting the power cable. Then. connect it again. Press the **SPK ADD** button on the back of the M5. The M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing. When the indicator stops flashing, pairing is complete. The M5 may also beep.

5 On your smart device, select the **Samsung Multiroom** app. Setup starts.
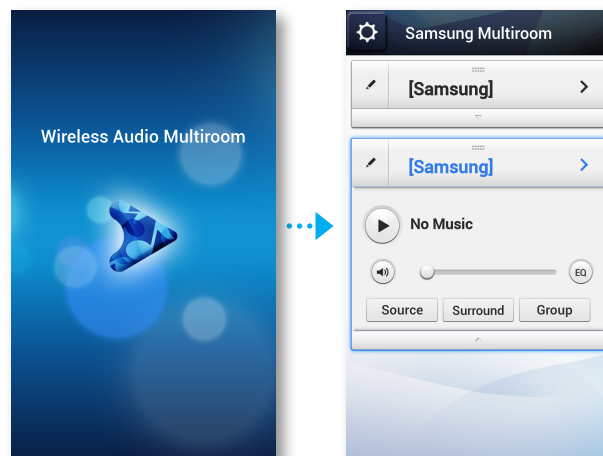
■ **When the M5 in use is connected using WPS or the Wi-Fi Setup method**

1 Connect the HUB to your wireless router with a LAN cable, and then plug the HUB's power cable into an electrical outlet.

2 Plug in the power cable of the new M5. The new M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing. When the indicator stops flashing, pairing is complete. The M5 may also beep.

3 Turn off the old M5 by disconnecting the power cable. Then, connect it again. Press the **SPK ADD** button the back of the old M5. The old M5's blue LED pairing indicator starts to flash. Wait until the pairing indicator on the M5 stops flashing.
When the indicator stops flashing, pairing is complete. The M5 may also beep.

4 On your smart device, select the **Samsung Multiroom** app. Setup starts.

Wireless Audio Multiroom

Samsung Multiroom

[Samsung]

[Samsung]

No Music

Source   Surround   Group
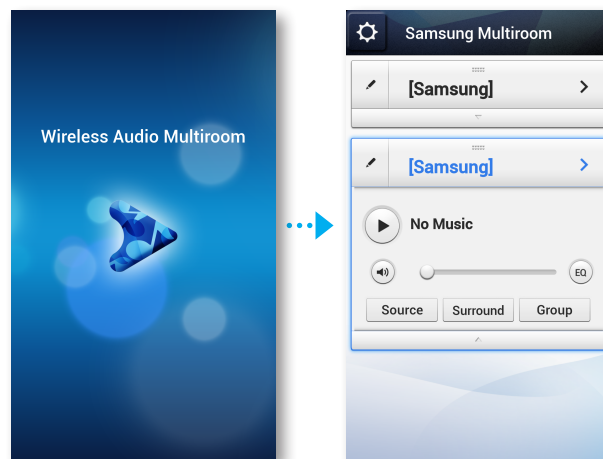
⠿ Adding a HUB

An M5 and a HUB may not pair successfully if the M5 and HUB are too far apart or are on different floors.

In such cases, you can link two HUBs together by setting the second HUB to Repeater mode. The additional HUB amplifies the signal and lets you pair the M5 to the closest HUB.

1 Set the HUB that is connected to the wireless router to Pairing mode by pressing its **SPK ADD** button for 1 second.

2 Plug in the new HUB you are using as an extender, and then press its **SPK ADD** button for 10 seconds.

3 The newly added HUB's LED indicators turn off and on, and it switches to Repeater mode.

4 Once the connection between the two HUBs has been established, the added HUB's (📶) indicator stops blinking.

M5

Used as a extender

HUB

📝 NOTES

✓ If your smart device is not connected to the wireless router with a Wi-Fi connection, the M5 will not appear on the **Samsung Multiroom** app.

✓ Place the HUB that is in Repeater mode in an appropriate location between the M5 and the HUB that is connected to the wireless router.

✓ You can set only one HUB to Repeater mode.
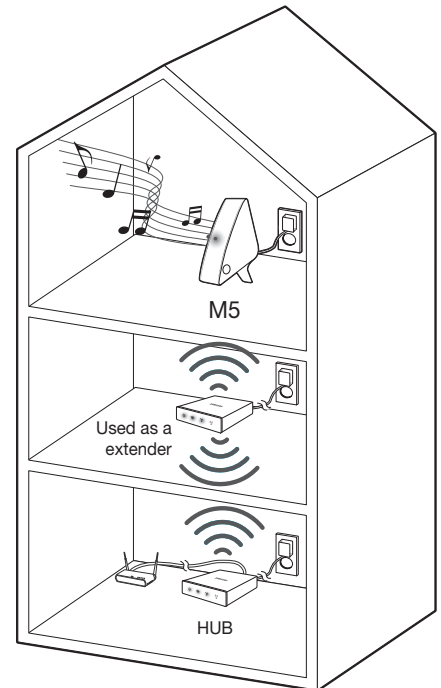
⠿ Relocating the M5

When relocating your M5, refer to the below table.

Wireless router / HUB	If you want to connect your M5 to the current wireless router.	If you want to connect your M5 to a different wireless router.
Without a HUB	Turn off the M5, relocate it and then turn it on.	Turn off the M5, relocate it, then establish the new connection as described in the installation instructions on pages 14 through 33. `Press here`
With a HUB		Connect a LAN cable between the HUB and the new wireless router, turn on the HUB, and then turn on the M5.

Functions

▥ Installing the Samsung Multiroom App

To use the M5, you must download and then install the **Samsung Multiroom** App by accessing the app through Google play or App Store.

With the **Samsung Multiroom** App installed, you can play music stored in your smart device, from connected devices and other content providers, and from Internet radio stations through the M5.

> ■ **Android**

Market search : **Samsung Multiroom**

ANDROID APP ON
Google play

> ■ **iOS**

Market search : **Samsung Multiroom**

Available on the
App Store

▥ Accessing the Samsung Multiroom App

To access the **Samsung Multiroom** app, press the Multiroom app icon on your smart device.
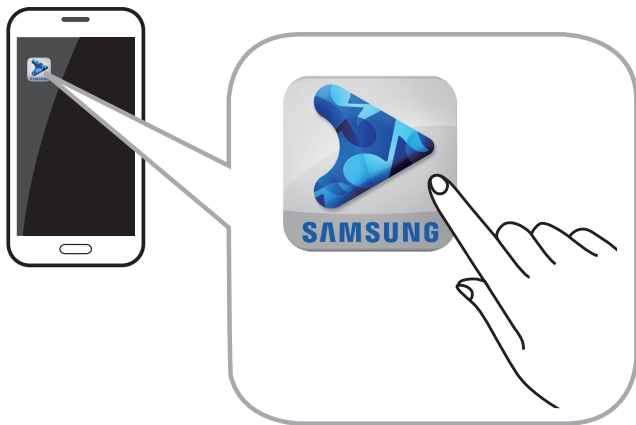
SAMSUNG

⠿ Using the Samsung Multiroom App

▌ Renaming a connected M5

You can rename M5s connected to your network.

1 Tap the ✎ and then enter the name you want using the keyboard. When finished, select **Done** or **Save**.

▌ Switching the input source

You can switch the input source.

1 Press the **Source** button on the **Speaker List** screen.

2 Select a source from the list of sources that appears.
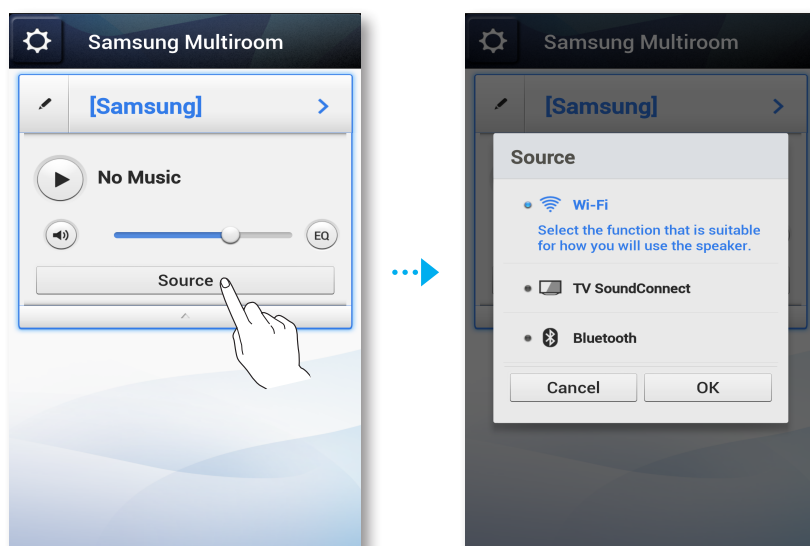
❚ Changing the sort order of listed M5s

If you have added multiple M5s, this function is available. (See pages 34~40.) `Press here`

1 Drag the ⠿ of the M5 you want to re-order up or down.

❚ Grouping M5s

You can group multiple M5s linked to the App and play the same music on all connected M5s in the same group.

This function is available only If you have added multiple M5s. (See pages 34~40.) `Press here`

![NOTES icon] **NOTES**

✓ This function is available only when M5s are connected to a HUB.
If there are no M5s connected to a HUB, the **Group** button will not appear.

✓ The Group Play function is not available for Bluetooth, NFC tagging(Android only), and TV SoundConnect connections.

1　　Press the **Group** button.

2　　Select the M5's you want to group from the list that appears. When finished, select **Done**.
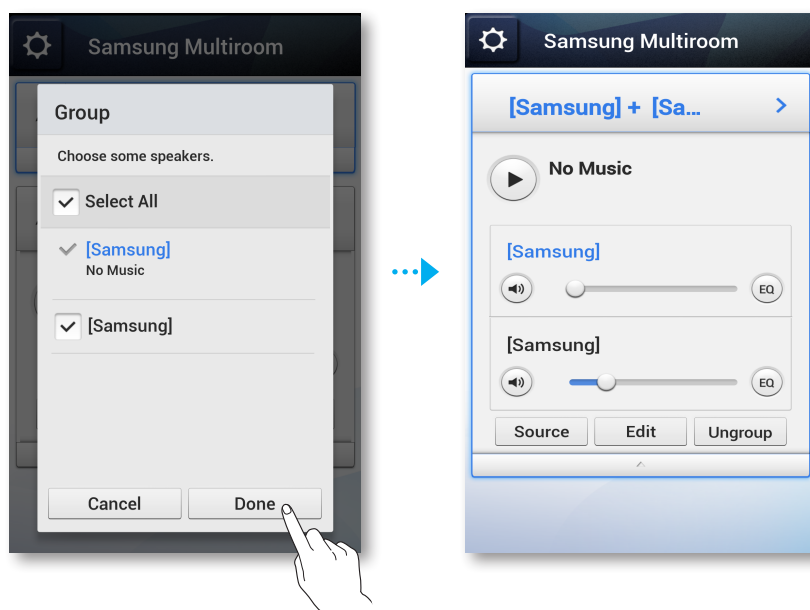
![NOTE icon] **NOTE**

✓ You cannot assign an M5 to more than one group.

❚ Listening to Surround Sound Using Several Audio Devices

_1_   Press the **Surround** button.
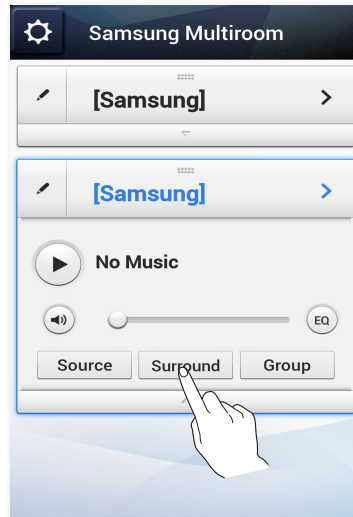
_2_   Press and hold any speaker and then drag it to your desired location.
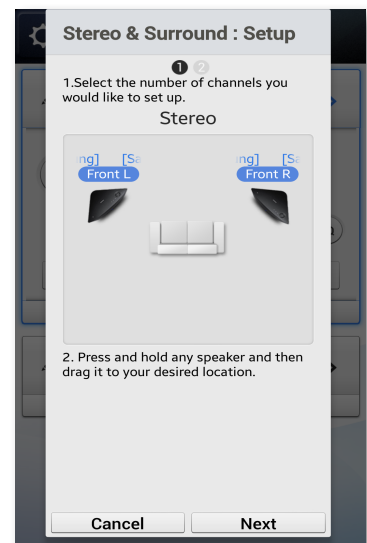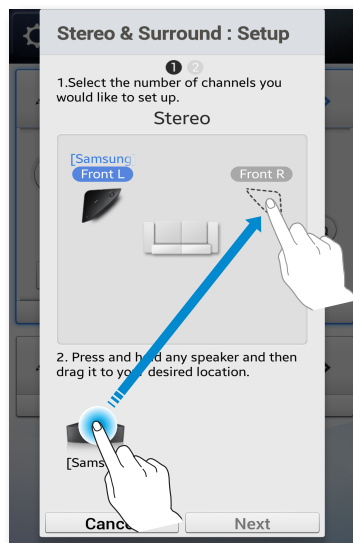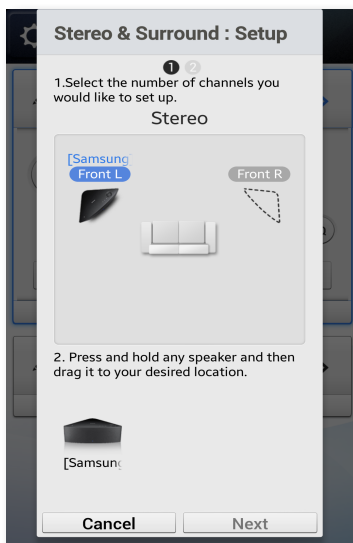
3 Test and adjust speaker volume and press **Done**.
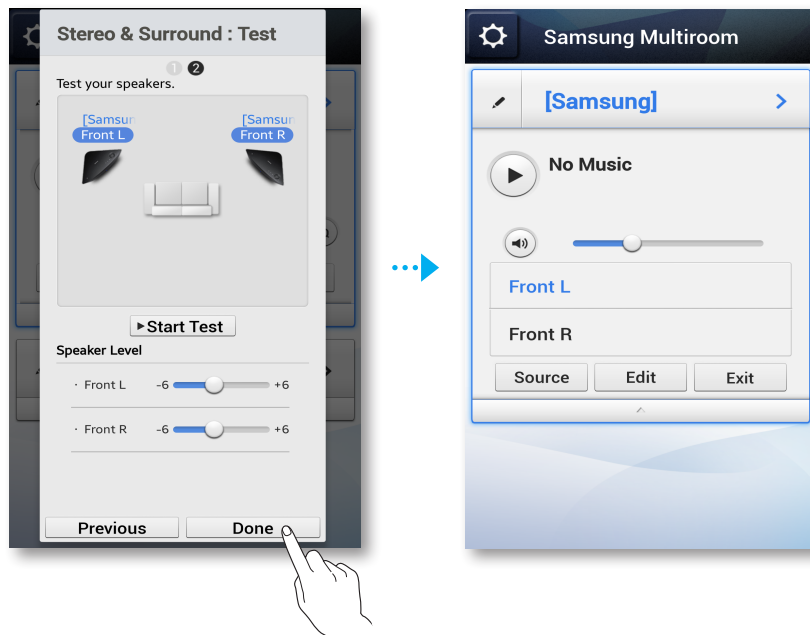
 NOTES

✓ The Surround Sound mode will be updated soon.

✓ If the audio source is in 2-channel format, sound will be produced only through the speakers that correspond to Front Left and Front Right.

✓ If the network connection is not stable, Surround Sound Mode may be cancelled automatically.

✓ When setting Surround Sound Mode, setting speakers of equal output power as both Front Left and Front Right is recommended.

▎ Playing a Song

1 Press the [Samsung].

2 Select **My Phone**.
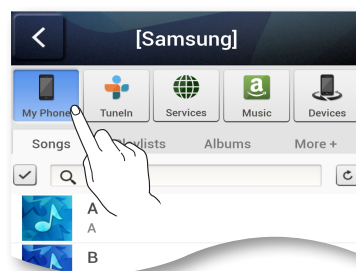
3 Select the desired song from the list that appears. The song plays.

■ **EQ**

Customize your own personal sound preferences using the equalizer settings.

- **Bass** : Adjusts lower-pitched sounds.
- **Treble** : Adjusts higher-pitched sounds.
- **Balance** : Emphasizes sound from the left or right speaker.
- **DRC** (Dynamic Range Compressor) : Set to **On** to activate noise reduction for optimized clean sound.
  - Note that this may cause decreased volume level.

▌ Sorting songs

You can list and sort the songs in your smart device by selecting one of the tabs on the My Music screen.

- **Songs** : Shows the list of music stored in the smart device.
- **Albums** : Shows the list of music stored in the smart device, sorted by album.
- **Folders** : Shows the list of music stored in the smart device, sorted by stored folder.
- **More +** : Shows the list of music stored in the smart device, sorted by artist and genre.

▌ Creating a Playlist

1 Press the ☑ button.
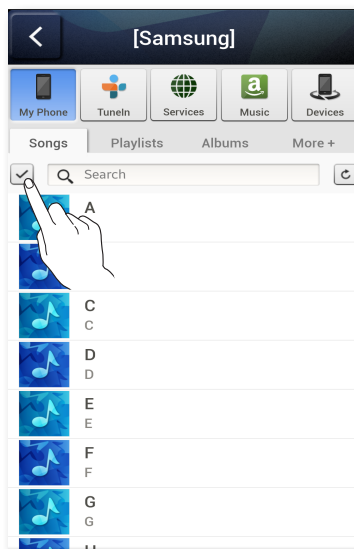
2 Select the desired tracks. When done, select **Add to Playlists**, and then select **Create Playlist**.
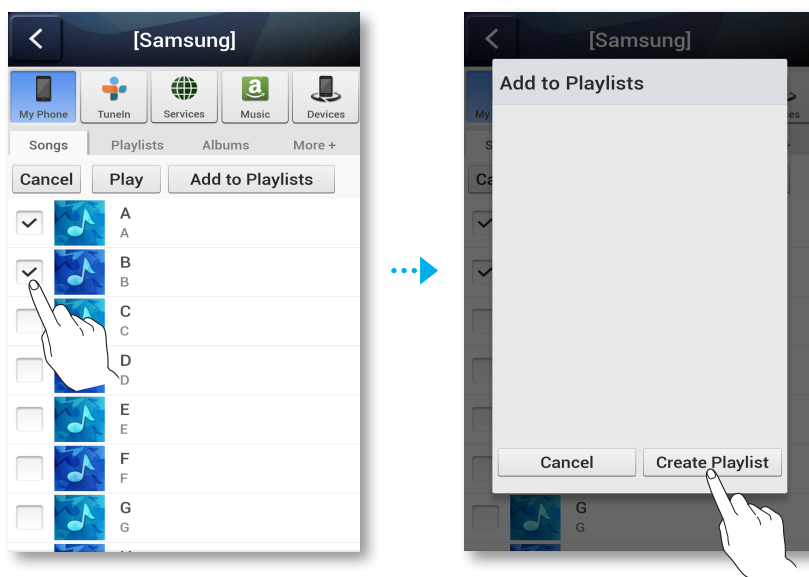
3 Enter a name for the playlist, and then select **Done** or **Save**.
The track is added to the Playlist folder.
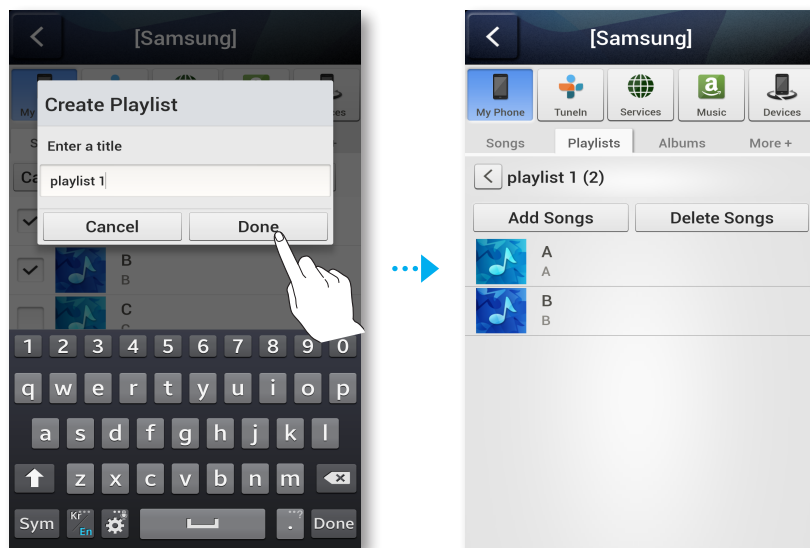
4 Select the desired Playlist.

5 Select the desired song from the list that appears. The song plays.

▋ Listening to a radio station

1 Select **TuneIn**.
The **TuneIn** screen appears with the following tabs:
  - **Favorites** : Lists 3 default radio stations.
  - **Browse** : Lists all supported Internet radio stations.
  - **Search** : Lets your search for a desired Internet radio station using keypad input.
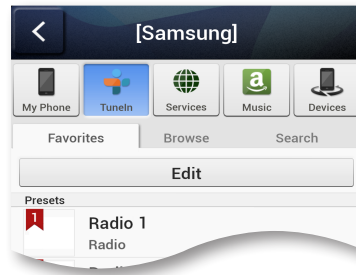
2 Select the desired radio station from the displayed list. The selected radio station plays.

📝 NOTES

  - ✓ You can listen to a radio station by pressing the 🔳 **Internet Radio Preset** button on the top panel of the M5.
    The M5 switches automatically to a default Internet radio station.

  - ✓ Each time you press the 🔳 **Internet Radio Preset** button, the M5 switches to the next default station, cycling through the 3 default stations.
    To change the default stations, see page 54. **Press here**

▋ Setting Presets

Add a channel to the **Presets** list so you can quickly find a desired station.

1 Search for the desired radio station using the **Browse** menu.
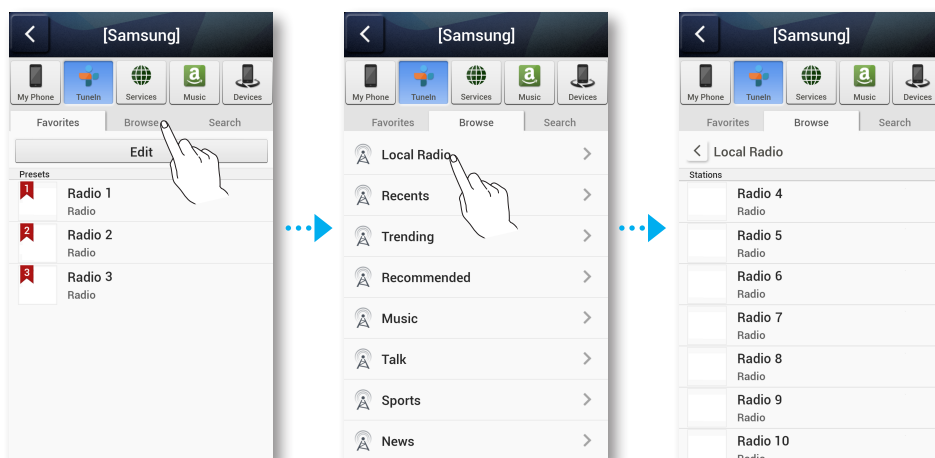
2 Select a station from the radio play list to display the selected radio station's front page. Touch ♥, and then select **Save**.
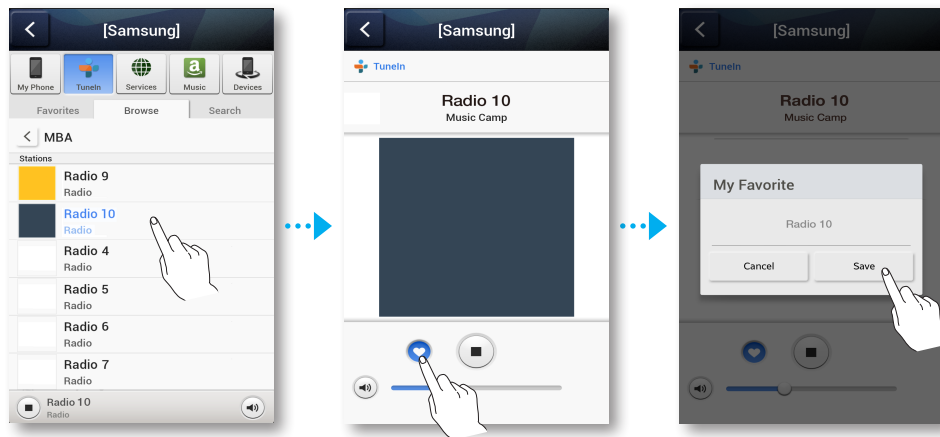
3 The selected radio station is added to the **Presets** list.
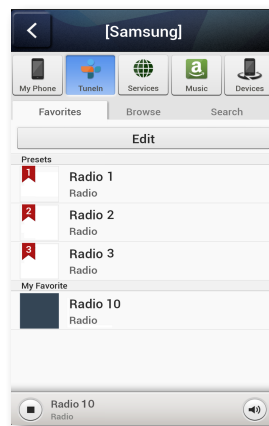
❚ Setting the Default Radio Stations in Speaker Preset

Each time you press the 🔲 Internet Radio Preset on the M5's top panel, the M5 switches to the next default station, cycling through the 3 default stations.
To replace the randomly selected default Internet radio stations with your own Internet radio stations, follow these steps:

1   Press the **Edit** button to open the edit box.
Press and drag ⠿ for each selection up to **Presets**, and then select **Done**.

NOTE

✓ If you press the 🔲 Internet Radio Preset button and then run the App while listening to an Internet Radio station, the App jumps to the radio station editing page automatically.

❚ Searching for a Radio Station

1   Select **TuneIn**.
The **TuneIn** screen appears.

2   Select **Search** to find the desired radio station.
Touch the Search box, and then enter the name or call letters of the radio station you want to search for using the keyboard.

▋ Playing music from content providers

1   Select **Services**.

2   You can play music from content providers.
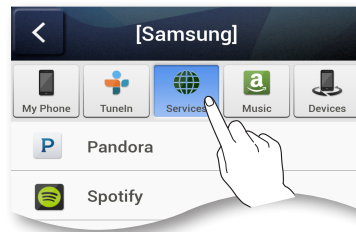
📝 **NOTES**

     ✓ Depending on your region or manufacturer, supported content services may differ.

     ✓ You may not subscribe to a service using your smart device.
       To use a for-pay service, first subscribe to the service through your computer.

▋ Playing music from the Amazon cloud player

1   Select **Music**.

2   You can play music from the **Amazon cloud player**.
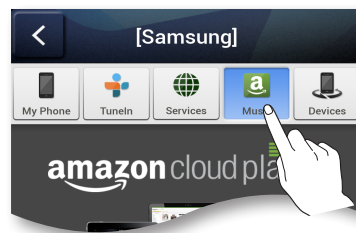
▋ Playing music from a selected device

Displays a list of devices connected to your wireless router.

- You can play the music on devices connected to your local network using the M5's **Devices** menu.

1   Select **Devices**.

2   Select the desired device.

3   Select the desired folder.

4   You can play music from the selected device on the M5.
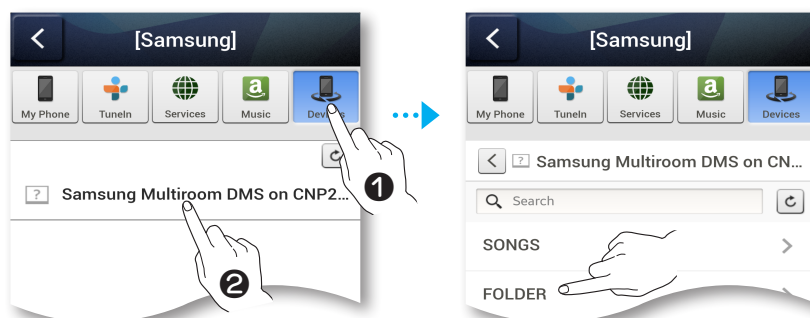
Playing Media Content Saved in a PC

Samsung Link

Install the **Samsung Link** program for easier playback of music stored in your PC through M5.
Visit http://link.samsung.com and download the **Samsung Link** application and finish installing it.

1 Visit http://link.samsung.com and login with your Samsung account.
Follow the instructions shown to install the program.

2 Select the folder to be shared.
1) Move the mouse pointer over the **Samsung Link** icon from the icons tray, right click
on it and select "❶".
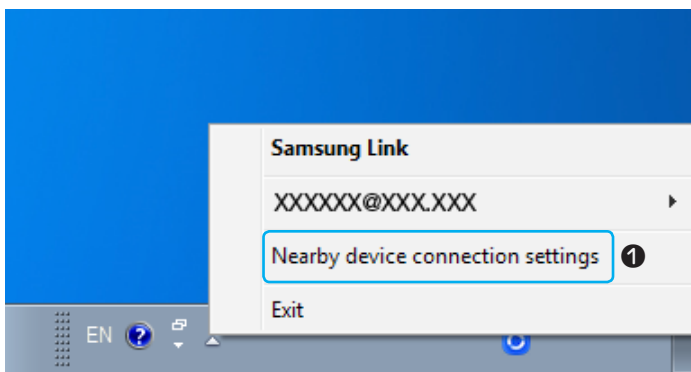
2) On the screen displayed, you can add or delete shared folders.
After adding or changing contents of shared folders, make sure to press the 🔄 button.

3 Select the Devices from the **Samsung Multiroom** app to select PC. Shared PC folders
and music files will be displayed. (For further details, refer to page 55.) `Press here`

> ✎ **NOTES**
>
> ✓ Note that the PC containing the shared folders and your M5 must be connected to the same wireless
> router.
>
> ✓ Samsung Link software should have been installed on the computer. The mobile device should support
> Samsung Link. For more information, visit Samsung's content and service portal at http://link.samsung.
> com.
>
> ✓ You may experience compatibility issues when attempting to play media files via a third-party DLNA server.
>
> ✓ However, the content shared by a computer device may not play depending on the encoding type and file
> format of the content. In addition, some functions may not be available.
>
> ✓ The media content may not smoothly play depending on the network status. If this is the case, use a USB
> storage device.

❚ Wireless Audio - Multiroom for Desktop

To play iTunes system and shared PC music files through M5, install the **Wireless Audio - Multiroom for Desktop** program.
Visit www.samsung.com to download the **Wireless Audio - Multiroom for Desktop** program and install it.

> ✎ **NOTES**
>
> ✓ Note that the PC containing the shared folders and your M5 must be connected to the same wireless router.
>
> ✓ If the connected Windows PC or the Mac switches to off-display mode, power saving or hibernation mode, the App will stop.
>
> ✓ If the firewall of the Windows computer is activated, the App may not work. In such a case, deactivate the firewall of Windows or other vaccine firewall.
>
> ✓ The *.pkg file is for Mac while *.msi is for Windows installation. Download the appropriate file for your computer and install it.
>
> ✓ Supported OS: Windows 7 or higher, Mac OS X 10.7 or later.

1 Double click the icon created on the PC's desktop.

2 Select **Next** to set the shared folders.
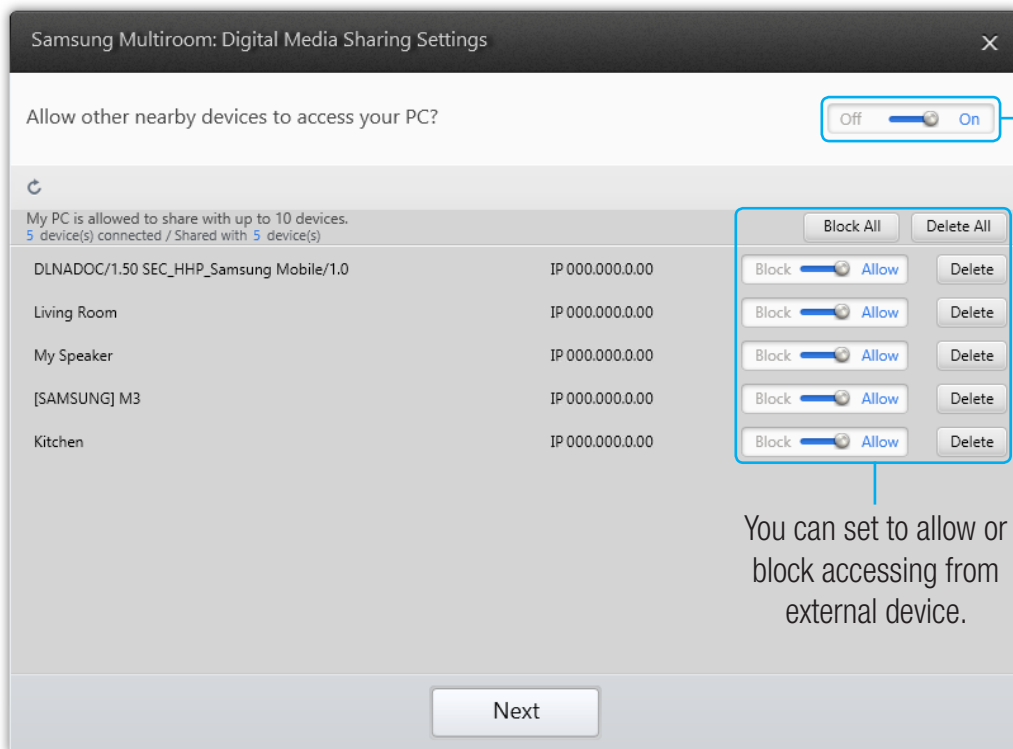
Wireless Audio - Multiroom for Desktop: Off, On

You can set to allow or block accessing from external device.

3 Select the content type and add the selected folder to the shared folders list. After sharing folders, make sure to press the **Done** button.
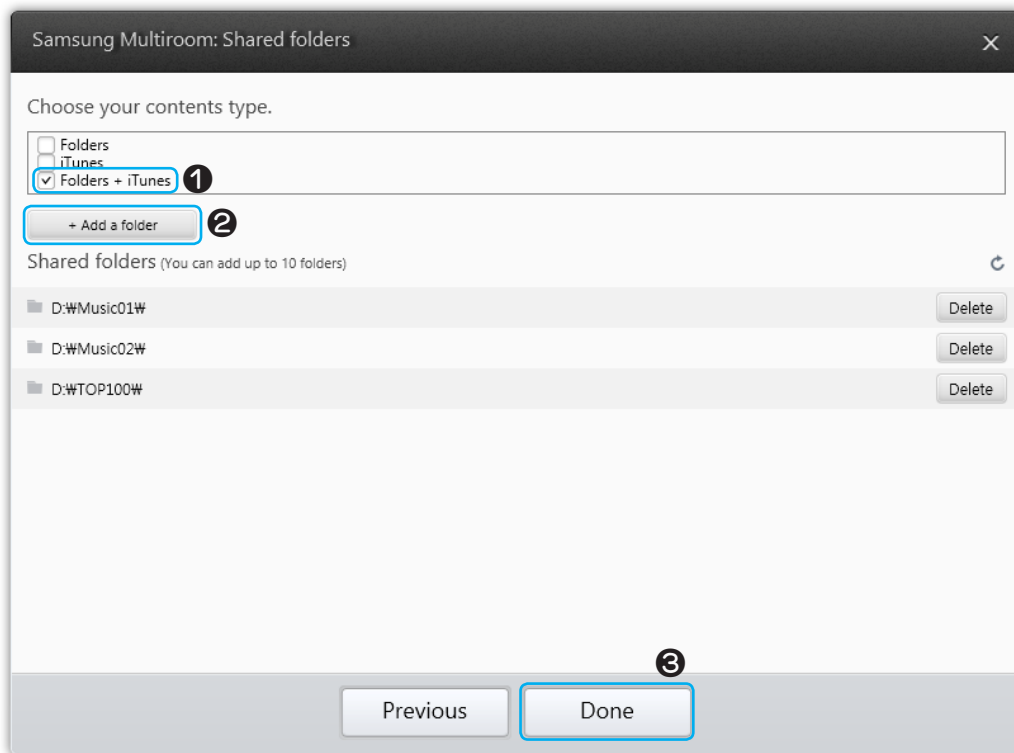
4 On your Smart device, select the **Samsung Multiroom** app.

5 Select **Devices ➞ PC**, and shared folders and files stored in the PC will be displayed. (For further details, refer to page 55) `Press here`

📝 **NOTES**

✓ After adding or changing contents of shared folders, make sure to press the ↻ button.
If you don't press the ↻ button, the files shared by a computer device may not displayed in the **Samsung Multiroom** app.

▦ Using the Settings menu

1   Press the ✿ button.
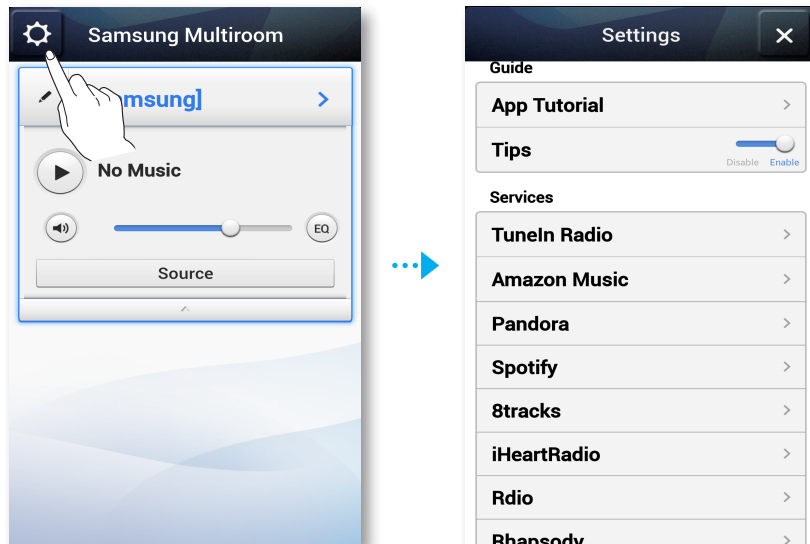
▮ Guide

■ App Tutorial

Select **App Tutorial** to learn how to use the app.
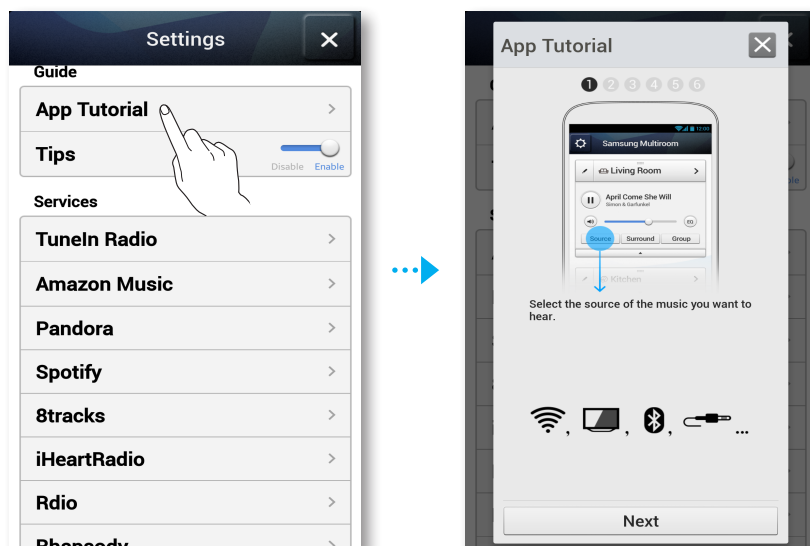
■ **Tips**
- **Disable** : The Help text is not displayed as you navigate through the screens.
- **Enable** : The app displays Help text as you navigate through the screens.
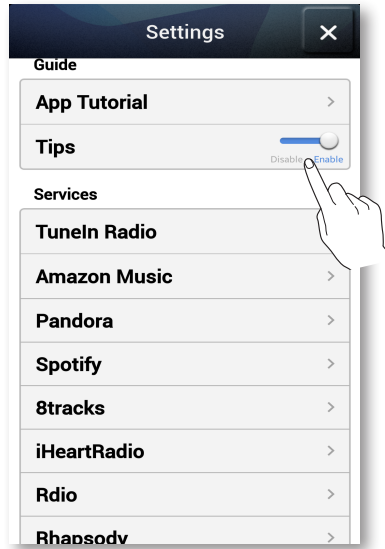
▮ **Service**

Displays a list of available services.
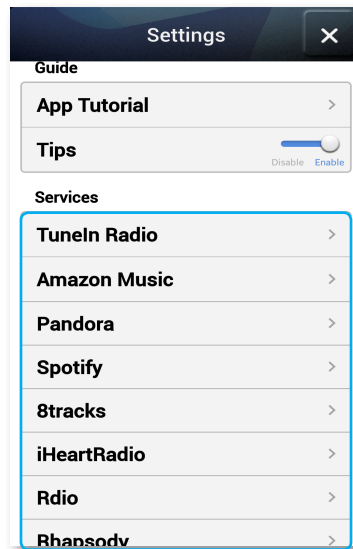
 NOTES

✓ Depending on your region or manufacturer, supported content services may differ.

✓ You may not subscribe to a service using your smart device.
To use a for-pay service, first subscribe to the service through your computer.

■ **TuneIn Radio**

Gives you access to **TuneIn Radio**.
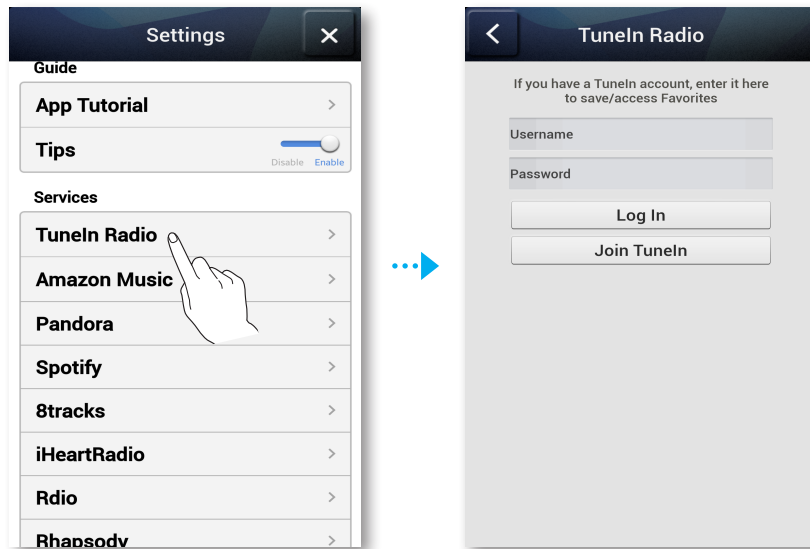
❚ **Speaker Settings**

■ **Add Speaker**

Lets you can add one or more M5s to the App and enjoy the music stored in your smart device from one or more connected M5s.
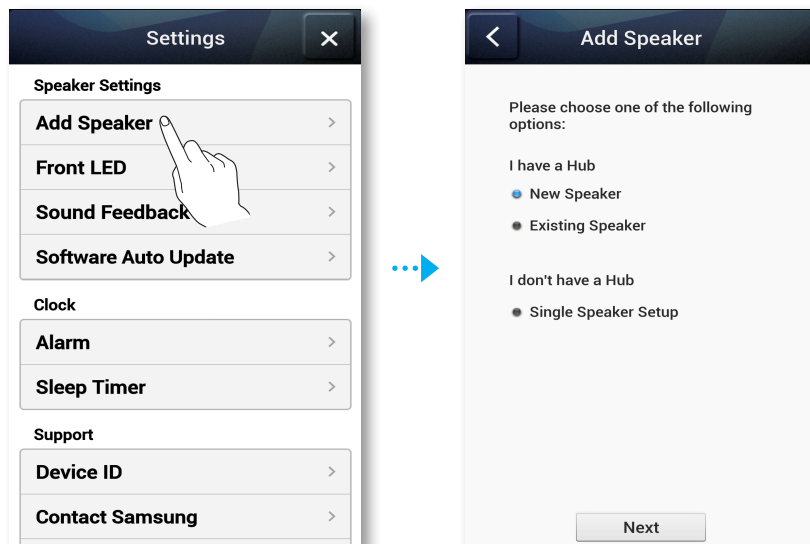
■ **Front LED**
  - **Off** : Turns off the M5's **Front LED** indicators.
  - **On** : Turns on the M5's **Front LED** indicators.
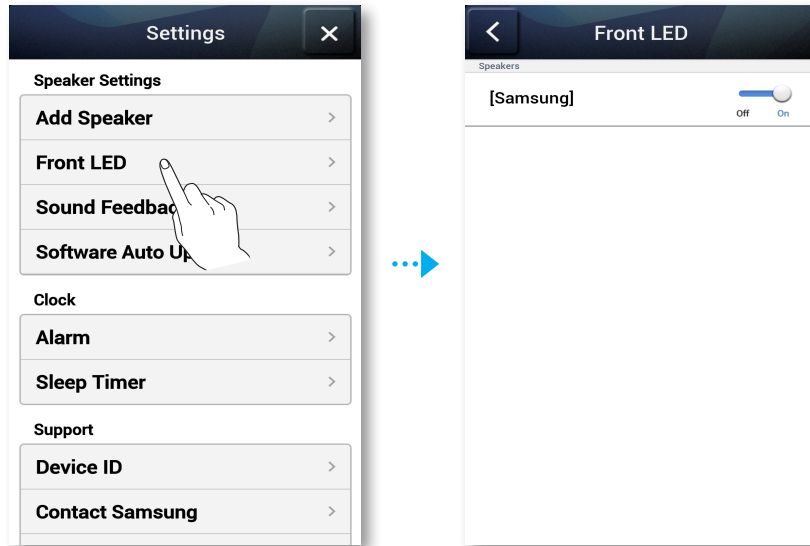
■ **Sound Feedback**
  - **Off** : Turns off the **Sound Feedback**.
  - **On** : Turns on the **Sound Feedback**.
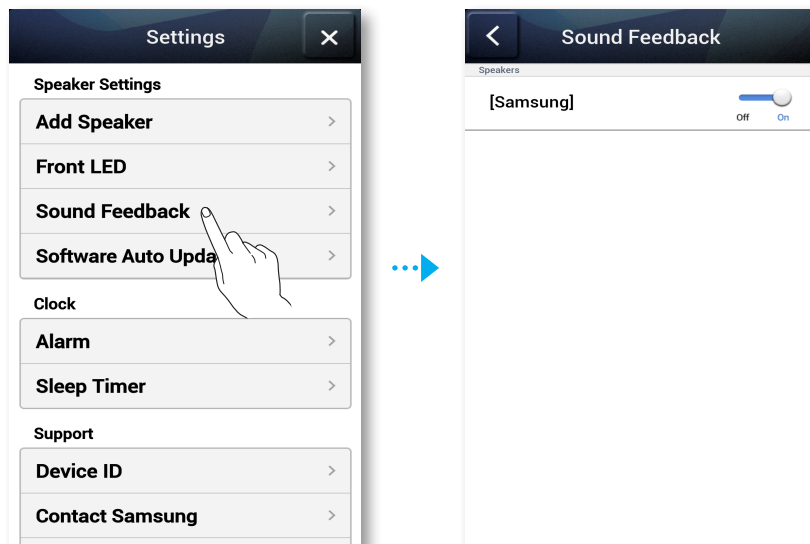
■ **Software Auto Update**

Shows the M5's current software version, and lets you turn auto update on or off.

- **On** : When on, automatically updates the software when new firmware is released.
- **Off** : Turns off the auto update function.
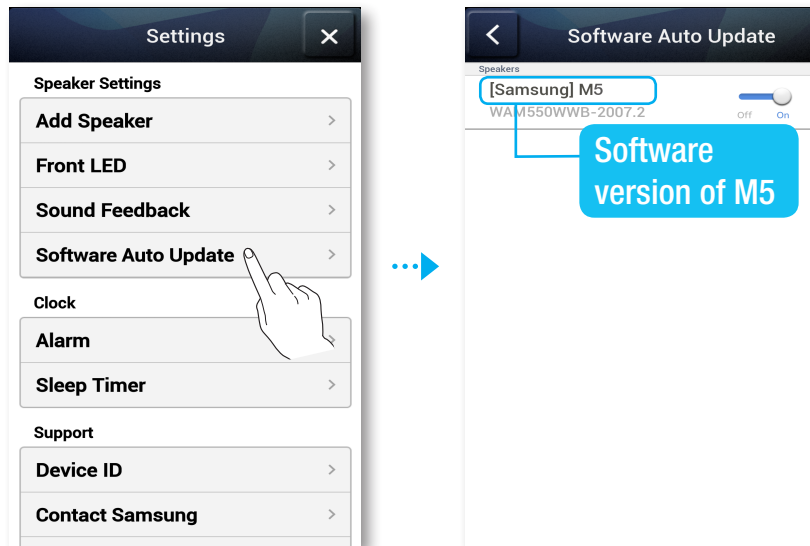
NOTES

✓ Auto update is available when your M5 is connected to a network and the **Software Auto Update** function is set to **On**.

✓ It is strongly recommended that **Software Auto Update** settings on all the M5s used are set to **On**. Problems with networked functions (such as Group Play and Ear to Hear) may otherwise occur due to incompatibility issues when a variety of M5 software versions is used on linked M5s.

✓ For each M5 with an outdated software version,
1) set the **Software Auto Update** setting to **On** and
2) press and hold the ⌧ Mute button for more than 5 seconds.
The M5 will then turn off and on so as to update its software automatically.

❚ Clock

■ Alarm

Lets you set the **Alarm**.
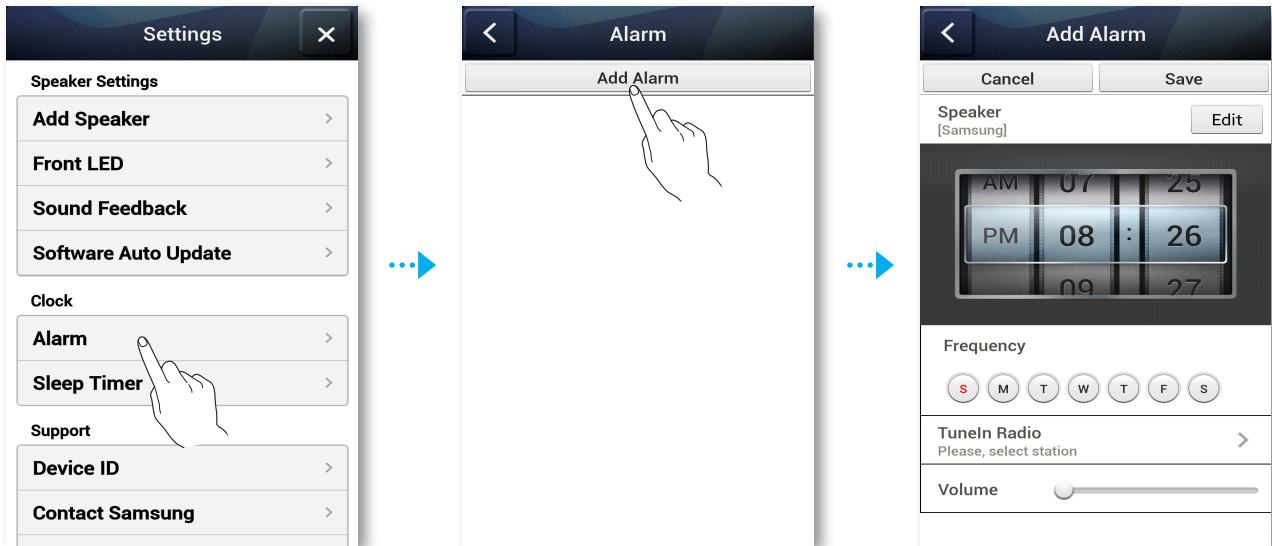
■ Sleep Timer

Lets you set the **Sleep Timer**.
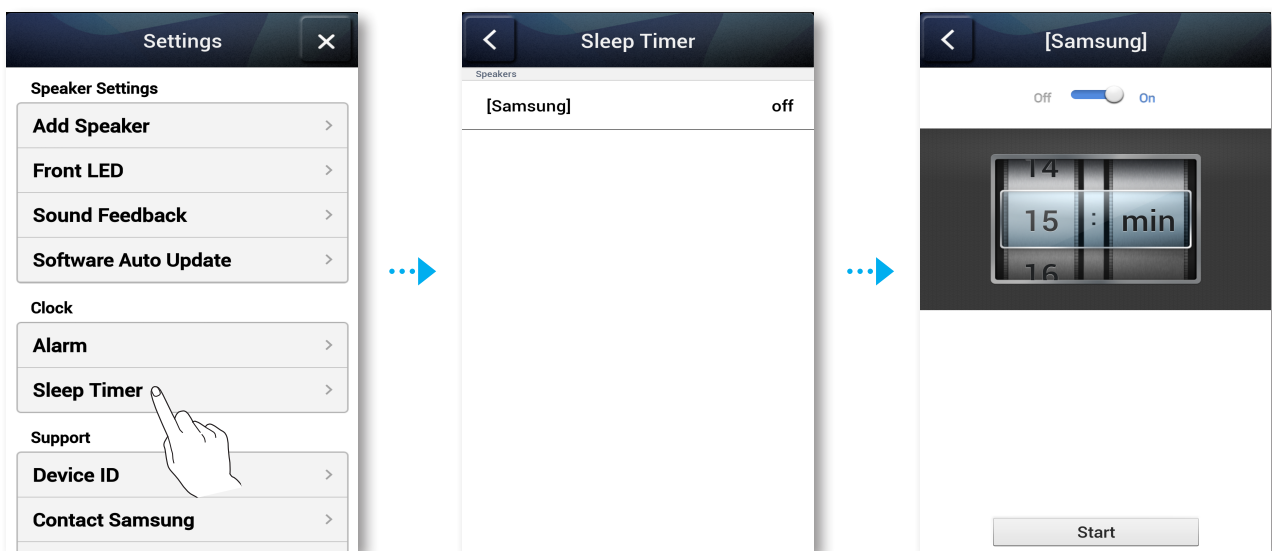
❚ Support

- **Device ID**

  Lets you check the **Device ID**.
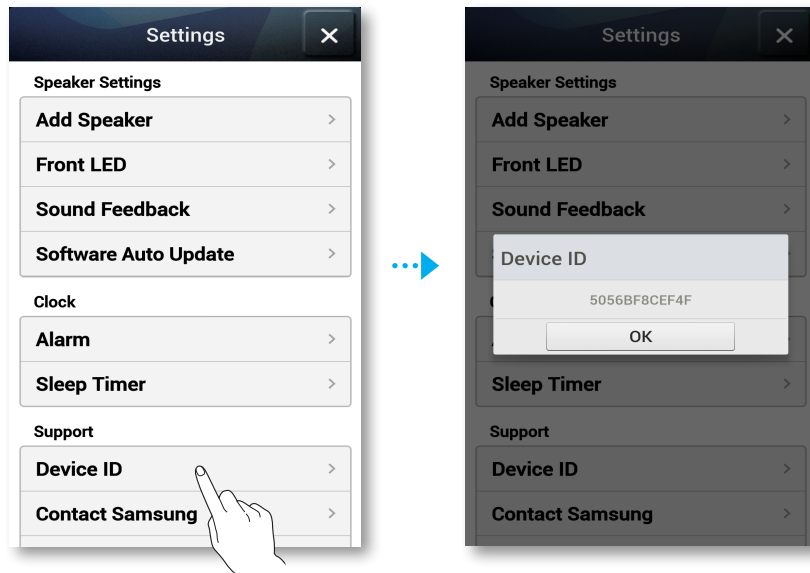
- **Contact Samsung**

  Provides a link to the Samsung website.
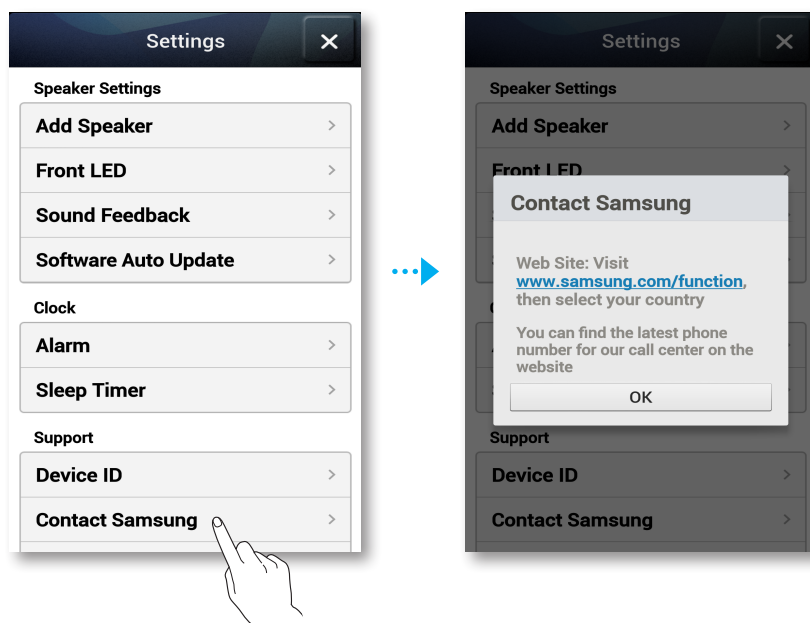
▌ Open source licenses

Lets you view the **Open source licenses**.
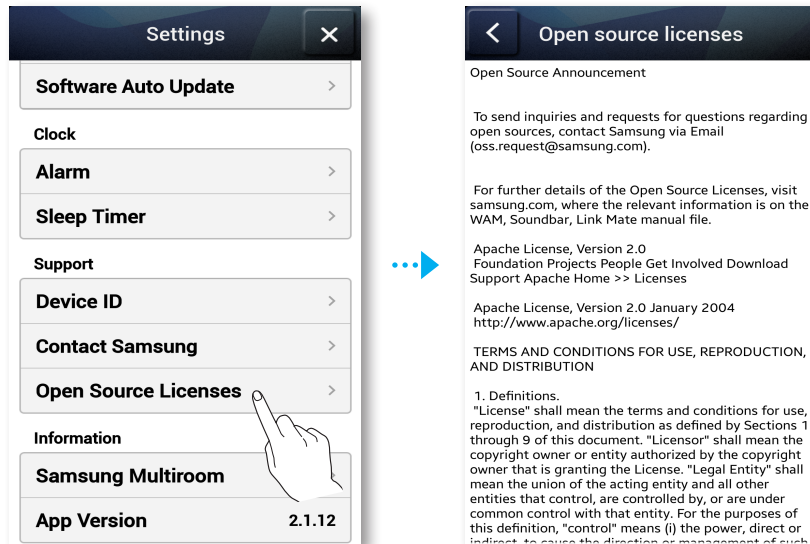
▌ App Version

Lets you view the **App Version**.
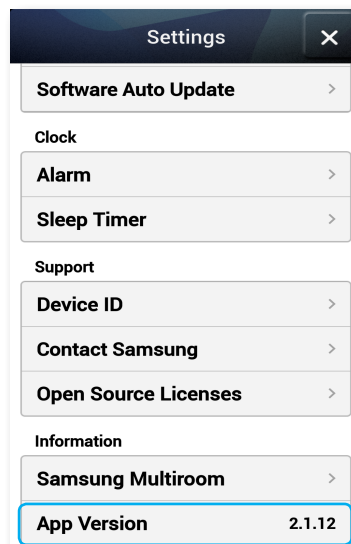
Reset your product

Resetting the M5

1 Press and hold both the ⬚ **Internet Radio Preset** and ⬚ **Mute** buttons for more than 5 seconds to reset the M5.

2 The Touch button on the M5 will blink twice.

3 Press and hold the ⬚ **Internet Radio Preset** button for more than 5 seconds to reboot the M5.

> **NOTE**
>
> ✓ Resetting erases all information stored in the M5.

Resetting the HUB (Not Included)

1 Press and hold the reset hole with a pen tip for 5 seconds, and wait for all LEDs to begin to flash.
Then, unplug the HUB and plug it in again.
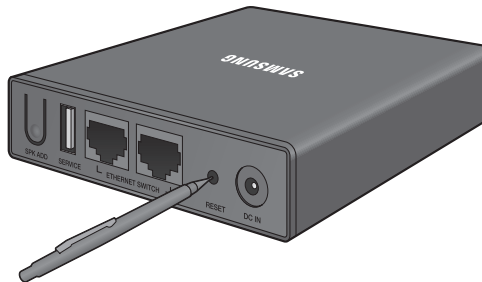
2 Unplug and then plug in your M5s.

> **NOTE**
>
> ✓ If you have reset the HUB, you must unlug and plug in your M5s for a proper connection with the HUB.

Appendix

Compatibility

M7 / M5 / M3

Link Mate

Soundbar

Home Entertainment System

TV

Blu-ray Disc Player

Smart Devices (Android or iOS)
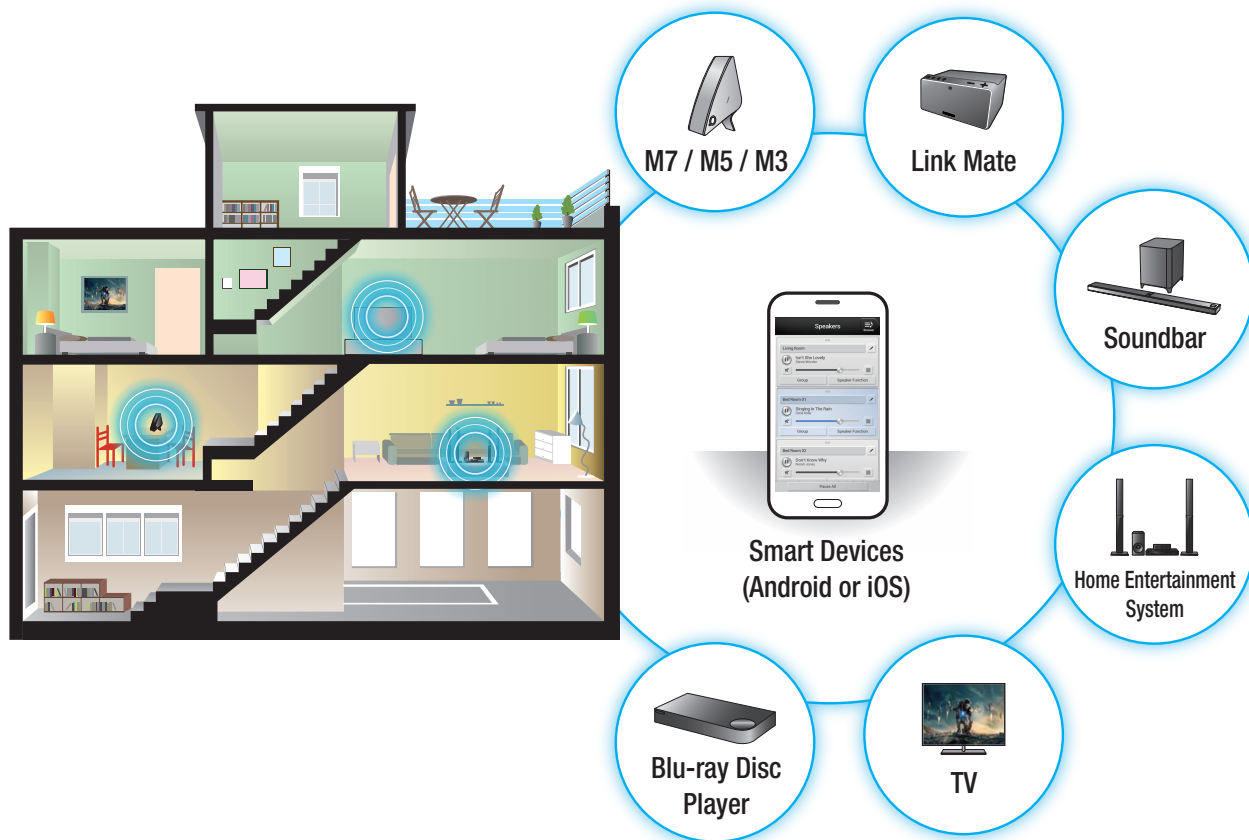
Multiroom Music Experience (Group Play)

M7 / M5 / M3 (Bed Room 2)

M7 / M5 / M3 (Bed Room 3)

M7 / M5 / M3 (Bed Room 1)

Smart Devices (Android or iOS)
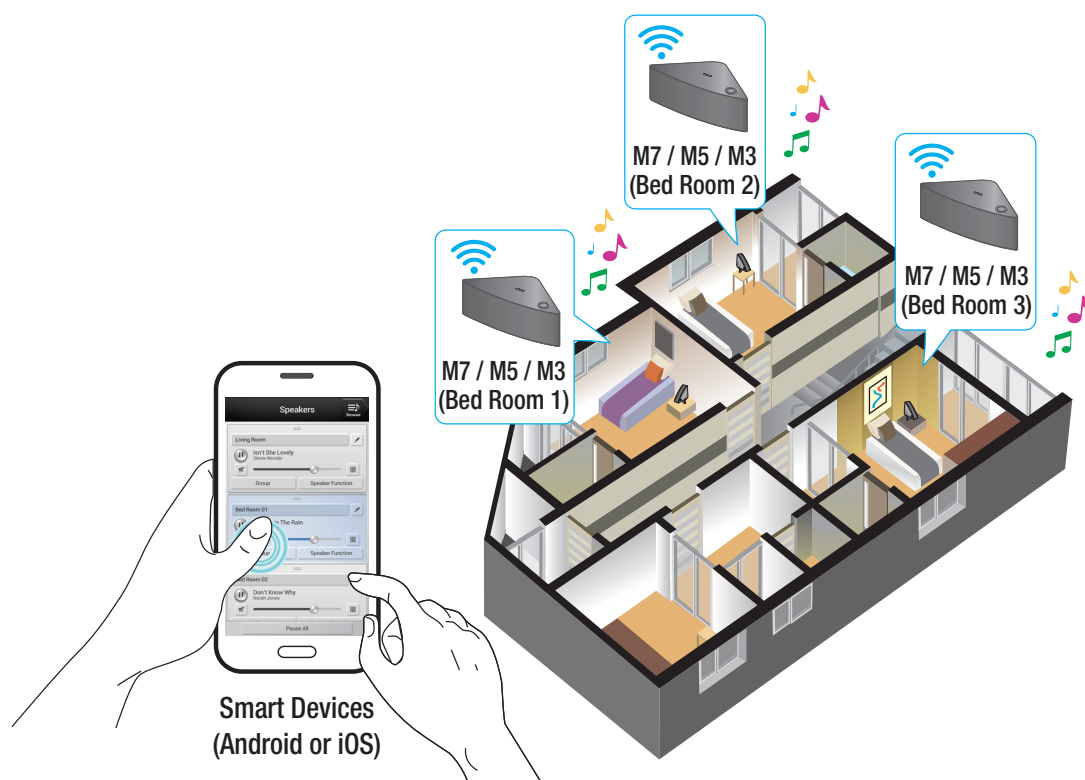
ⅲⅲ Troubleshooting

Before requesting service, please check the following.

Symptom	Check	Remedy
The unit will not turn on.	• Is the power adapter plugged into the outlet?	• Connect the power adaptor to the outlet.
Hub and M5 is not paired.	• When the Hub is plugged in, do the HUB's front indicators show it's operating properly? • Is the LAN cable connected to the wireless router and the HUB properly? • Make sure the M5's front LED turns from red to blue.	• Reset the HUB (see page 67). 　`Press here` Unplug the HUB and plug it in again. Check whether the pairing indicator on the front of the HUB is blinking or not. • Reset the M5 (see page 67). 　`Press here` Unplug the M5 and plug it in again. Check whether the pairing indicator on the front of the M5 is blinking or not.
A function does not work when the button is pressed.	• Is there static electricity in the air?	• Disconnect the power plug and connect it again.
Sound is not produced.	• Is the Mute function on? • Is the volume set to minimum?	• Connect the M5 correctly. • Press the ✗ **Mute** button to cancel the mute function. • Adjust the volume.
The TV SoundConnect (TV pairing) failed.	• Does your TV support TV SoundConnect? • Is your TV firmware the latest version? • Does an error occur when connecting?	• TV SoundConnect is supported by some Samsung TVs released after 2012. Check your TV to see if it supports TV SoundConnect. • Press and hold the 🖥 **TV SoundConnect** button to the connection. • Update your TV with the latest firmware. • Contact the Samsung Call Center. • Press and hold the 🖥 **TV SoundConnect** button for more than 5 seconds to reset TV SoundConnect and connect a new TV.

Symptom	Check	Remedy
HUB doesn't work properly	• Is the HUB plugged in? • Is the LAN cable connected to the wireless router and the HUB properly? • When the Hub is plugged in, do the HUB's front indicators show it's operating properly?	• Plug in the HUB. • Connect the LAN cable to the **ETHERNET SWITCH** on the back of the HUB and to your wireless router. • Reset the HUB (see page 67). `Press here` • If you experience troubles with connecting the HUB and M5, try relocating the M5 so that the M5 is closer to the wireless router or HUB.

M5 doesn't work properly	• Is the M5 plugged in?
	• Does the M5's front LED indicator remain red 5 minutes after turning on?
		• Plug in the M5.
		• Check whether the Wi-Fi router you're using had been certified for Wi-Fi.
		• Unplug the M5, plug it back in, and then reconnect it to the router.
		• Reset the M5 (see page 67).
		  `Press here`
		• If used with a HUB
		  - Make sure the smart device and the HUB are connected to the same Wi-Fi network.
		  - Make sure the HUB's indicator LED's show that it is working correctly. (See page 15, item 3.) `Press here`
		  - If the problem persists, reset the HUB (see page 67). `Press here`
		  - Unplug, then plug in the HUB. Then, unplug and plug in the M5.
		  - If you experience troubles with connecting the HUB and M5, try relocating the M5 so that the M5 is closer to the wireless router or HUB.

Symptom	Check	Remedy
I cannot group speakers.	• Is the product connected to the network via Wi-Fi?	• If the product is connected to the network via Bluetooth, NFC tagging(Android only), TV SoundConnect, you cannot use the group speakers function.
App doesn't work properly	• Does an error occur when accessing the app?	• Make sure your smart device is compatible with the app. (See page 79) `Press here` • Make sure the app is the latest version. • Make sure the M5's front LED turns from red to blue. • If used with a HUB - Make sure the HUB and the smart device are connected to same router. - Make sure the HUB's indicator LED's show that it is working correctly. (See page 15, item 3.) `Press here` - If you experience troubles with connecting the HUB and M5, try relocating the M5 so that the M5 is closer to the wireless router or HUB.

NOTE

✓ If the problem persists, consult the service center for troubleshooting.

▤ Open Source License Notice

• For further information on Open Sources used in this product, please visit the website: http://opensource.samsung.com

▤ Licences

• The Spotify Software is subject to third party licenses found here : www.spotify.com/connect/third-party-licenses.
• For more information about Spotify Connect, please visit www.spotify.com/connect

⊪ Specifications

General	Weight	2.3 Kg
	Dimensions	343 (W) X 168 (D) X 113.5 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
Network	Ethernet	100BASE - TX Terminal
	Wireless LAN	Built-in
	Security	WEP (OPEN)
		WPA-PSK (TKIP)
		WPA2-PSK (AES)
	WPS(PBC/PIN)	Supported
	Overall Standby Power consumption (W) (All network ports is "on" condition)	6.1
	Wi-Fi/Ethernet | Port deactivation method	Press **WPS** button on the product for 30 seconds to turn Wi-Fi/Ethernet On / Off.
	Bluetooth | Port deactivation method	Press **SPK ADD** button on the product for 30 seconds to turn Bluetooth On / Off.

📝 **NOTE**

✓ The product will restart automatically if you turn on/off Wi-Fi/Ethernet.

- Network speeds equal to or below 10Mbps are not supported.
  (If using LAN cable, you'd better to use STP type.)
- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the product.
- Weight and dimensions are approximate.
- This user manual is based on the product using the Android or iOS operating system.
- App screen is based on Android operating system and it may change after you upgrade the software version.
- For further details on using the product, visit www.samsung.com.

- Hereby, Samsung Electronics, declares that this equipment is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
  The original Declaration of Conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name.
  This equipment may be operated in all EU countries. This equipment may only be used indoors.

Safety Information

⠿ Regulatory Compliance Statements

⚡ (lightning flash in triangle)	**CAUTION** RISK OF ELECTRIC SHOCK DO NOT OPEN	⚠ (exclamation point in triangle)
The lighting flash and arrowhead within the triangle is a warning sign alerting you to dangerous voltage inside the product.	**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	The explanation point within the triangle is a warning sign alerting you to important instructions accompanying the product.

▍ Warning

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.
- Do not expose this apparatus to dripping or splashing.
  Do not put objects filled with liquids, such as vases on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

▍ CAUTION

TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

▍ CAUTION

- Do not expose this apparatus to dripping or splashing. Do not put an object filled with liquid, such as a vase, on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.

▌ Wiring the Main Power Supply Plug (UK Only)

IMPORTANT NOTICE

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug and if it requires replacing, a fuse approved to BS1362 of the same rating must be used. Never use the plug with the fuse cover removed. If the cover is detachable and a replacement is required, it must be of the same colour as the fuse fitted in the plug. Replacement covers are available from your dealer. If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance. However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains socket as there is a risk of shock hazard from the bared flexible cord. Never attempt to insert bare wires directly into a mains socket. A plug and fuse must be used at all times.

IMPORTANT NOTICE

The wires in the mains lead are coloured in accordance with the following code:– BLUE = NEUTRAL BROWN = LIVE As these colours may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:– The wire coloured BLUE must be connected to the terminal marked with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

WARNING : DO NOT CONNECT EITHER WIRE TO THE EARTH TERMINAL WHICH IS MARKED WITH THE LETTER E OR BY THE EARTH SYMBOL $\perp$, OR COLOURED GREEN OR GREEN AND YELLOW.

▌ Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1 Read these instructions.

2 Keep these instructions.

3 Heed all warnings.

4 Follow all instructions.

5 Do not use this apparatus near water.

6 Clean only with a dry cloth.

7 Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

8 Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including AV receivers) that produce heat.

9 Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10 Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.

11 Only use attachments/accessories specified by the manufacturer.

12 Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13 Unplug this apparatus during lightning storms or when unused for long periods of time.

14 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Safety precautions

Power Supply Precautions

- Do not overload outlets or extension cords.
  - This may result in abnormal heat or fire.
- Do not plug in or unplug the power cord with wet hands.
- Do not place the product near heating equipment.
- To clean the power plug blades, remove the plug from the wall outlet and wipe the blades with a dry cloth only.
- Do not bend the power cord or pull it forcefully.
- Do not put heavy objects on the power cord.
- Do not plug the power cord into a loose or damaged outlet.
- Fully insert the power cord's plug into the the wall outlet so that the plug is firmly attached to the outlet.
  - If the connection is unstable, there is a risk of fire.

❚ Installation Precautions

- Do not install the product near equipment or objects that generate heat or produce fire (candles, mosquito coils, heaters, radiators, etc.). Do not install in direct sunlight.
- When moving the product, turn off the power and disconnect all cords (include the power cord) from the unit.
  - A damaged cord may cause a fire and poses a risk of electric shock.
- Installing the product in environments with high heat or humidity, dust, or extreme cold, can lead to quality problems or cause the product to malfunction. Before you install the product in an environment that is outside the norm, please contact a Samsung service center for additional information.
- When placing the product on a shelf, cabinet, or desk, make sure the top panel faces upwards.
- Do not place the product on an unstable surface (e.g. a shaky shelf, a tilted desk, etc.).
  - Dropping the product can cause it to malfunction and poses a risk of injury. Severe vibration or impact can also cause the product to malfunction and lead to a fire hazard.
- Install your product with enough space around it for ventilation.
  - Leave at least 4 inches (10cm) at the rear of the product and more than 2 inches (5cm) on each side of the product.
- Keep the plastic packing materials out of reach of your children.
  - Children playing with the plastic packing materials run the risk of suffication.

❚ Usage Precautions

- Using for an extended time at high volume may cause serious damage to your hearing.
  - If you are exposed to sound louder than 85db for an extended time, you may adversely affect your hearing. The louder the sound is, the more seriously damaged your hearing may become. Note that an ordinary conversation is between 50 to 60 db and road noise is approximately 80 db.
- This product contains dangerous high voltage. Do not attempt to disassemble, repair, or modify it yourself.
  - Contact a Samsung service center when your product is in need of repair.
- Do not place any container that contains liquid on the product (e.g. a vase, beverages, cosmetics, chemicals, etc.). Do do not allow any metal objects (e.g. coins, hair clips, etc.) or flammable material (e.g. paper, matches, etc.) to enter the product (through the air vents, I/O ports, etc.).
  - If any harmful material or liquid enters the product, turn off the product immediately, unplug the power cord, and then contact a Samsung service center.

- Do not drop the product. In case of a mechanical breakdown, disconnect the power cord and contact a Samsung service center.
  - There is a risk of fire or electric shock.
- Do not hold or pull the product by the power cord or the signal cable.
  - A damaged cable can cause the product to malfunction, cause a fire, and poses a risk of electric shock.
- Do not use or keep flammable materials near the product.
- If the product emits an abnormal sound or a burnt smell or smokes, unplug the power-cord immediately and contact a Samsung service center.
- If you smell gas, ventilate the room immediately. Do not touch the power plug of the product. Do not turn the product off or on.
- Do not strike or subject the product to a sudden shock. Do not pierce the product with a sharp object.

▌ Cleaning Precautions

- Never use alcohol, solvents, waxes, benzene, thinners, air freshener, or lubricants to clean the product, or spray insecticide on the product.
  - Using any of these materials can discolor the exterior coating or cause it to split or peel off, or remove the labelling on the product.
- To clean the product, unplug the power cord, and then wipe the product with a clean, dry, soft cloth (Microfiber, cotton).
  - Avoid leaving dust on the product. Dust can scratch its the surface.

▎ Additional Information

▌ About NFC (Android only)

- NFC tagging to establish a Bluetooth connection will not work while the product is being powered on and off.
- NFC tagging to establish a Bluetooth connection will not work while the battery indicator on the Bluetooth device is blinking.

▌ About the Network Connection

- Depending on the wireless router used, some network operations may perform differently.
- For detailed information on networking with a wireless router or modem, refer to the router's or modem's documentation.
- Select one wireless channel that is not used currently. If the selected channel is used by another communication device nearby, radio interference may result in communication failure.

- In compliance with the newest Wi-Fi certification specifications, the HUB does not support WEP, TKIP, or TKIP-AES (WPA2 Mixed) security encryption in networks running in the 802.11n mode.
- By its nature, wireless LAN may experience radio interference depending on the environmental conditions (such as wireless router performance, distance, obstruction, interference with other wireless devices, etc.)
- WEP encryption does not work with WPS (PBC) / WPS (PIN).

▌ Compatible products

- Mobile : Android 2.3.3 (Gingerbread) or above, iOS (6.0) or above

> **NOTE**
>
> ✓ Some devices may not be compatible with the product.
>
> ✓ Note that a product of an older version may not be supported.

Copyright

- An administration fee may be charged if either
a. an engineer is called out at your request and there is no defect in the product (i.e. where you have failed to read this user manual)
b. you bring the unit to a repair centre and there is no defect in the product (i.e. where you have failed to read this user manual).
- The amount of such administration charge will be advised to you before any work or home visit is carried out.
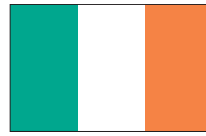
UNITED KINGDOM EIRE

This Samsung product is warranted for the period of twelve (12) months from the original date of purchase, against defective materials and workmanship. In the event that warranty service is required, you should return the product to the retailer from whom it was purchased.
However, Samsung Authorised Dealers and Authorised Service Centres in other EC Countries will comply with the warranty on the terms issued to purchasers in the country concerned.
In case of difficulty, details of our Authorised Service Centres are available from:

Samsung Electronics U.K. Ltd. Customer Care Centre PO Box 479 GATESHEAD NE9 9BJ United Kingdom

United Kingdom
Tel : 0330 SAMSUNG (7267864)
Fax: 03307260001
www.samsung.com

Eire
Tel : 0818 717100
Fax: +44 117 915 6736
www.samsung.com

■ WARRANTY CONDITIONS

1. The warranty is only valid if, when warranty service is required, the warranty card is fully and properly completed and is presented with the original invoice or sales slip or confirmation, and the serial number on the product has not been defaced.

2. Samsung's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part.

3. Warranty repairs must be carried out by Authorised Samsung Dealers or Authorised Service Centres.
No re-imbursement will be made for repairs carried out by non Samsung Dealers and, any such repair work and damage to the products caused by such repair work will not be covered by this warranty.

4. This product is not considered to be defective in materials nor workmanship by reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any Country other than the one for which the product was originally designed and manufactured. This warranty will not cover, and no re-imbursement will be made for such adaptation nor any damage which may result.

5. This warranty covers none of the following:

   a) Periodic check ups, maintenance and repair or replacement of parts due to normal wear and tear.

   b) Cost relating to transport, removal or installation of the product.

   c) Misuse, including the faiure to use this product for its normal purposes or incorrect installation.

   d) Damage caused by Lightning, Water, Fire, Acts of God, War, Public Disturbances, incorrect mains voltage, improper ventilation or any other cause beyond the control of Samsung.

6. This warranty is valid for any person who legally acquired possession of the product during the warranty period.

7. The consumers statutory rights in any applicable national legislation whether against the retailer arising from the purchase contract or otherwise are not affected by this warranty. Unless there is national legislation to the contrary, the rights under this warranty are the consumers sole rights and Samsung, its subsidiaries and distributors shall not be liable for indirect or consequential loss or any damage to records, compact discs, videos or audio taper or any other related equipment or material.

SAMSUNG ELECTRONICS (U.K.) LTD.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care center.

Area		Contact Center ☎	Web Site
North America	CANADA	1-800-SAMSUNG(726-7864)	www.samsung.com/ca/support (English) www.samsung.com/ca_fr/support (French)
	U.S.A - Consumer Electronics	1-800-SAMSUNG(726-7864)	www.samsung.com/us/support
Latin America	MEXICO	01-800-SAMSUNG(726-7864)	www.samsung.com/mx/support
	ARGENTINE	0800-333-3733	www.samsung.com/ar/support
	URUGUAY	000-405-437-33	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	PARAGUAY	009-800-542-0001	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	BRAZIL	0800-124-421 (Demais cidades e regiões) 4004-0000 (Capitais e grandes centros)	www.samsung.com/br/support
	CHILE	800-SAMSUNG(726-7864)	www.samsung.com/cl/support
	BOLIVIA	800-10-7260	www.samsung.com/cl/support
	COLOMBIA	Bogotá 600 12 72 Gratis desde cualquier parte del país 01 8000 112 112 ó desde su celular #SAM(726)	www.samsung.com/co/support
	COSTA RICA	0-800-507-7267 00-800-1-SAMSUNG (726-7864)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	DOMINICA	1-800-751-2676	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	ECUADOR	1-800-10-72670 1-800-SAMSUNG (72-6786)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	EL SALVADOR	800-6225	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	GUATEMALA	1-800-299-0013 1-800-299-0033	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	HONDURAS	800-27919267 800-2791-9111	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	JAMAICA	1-800-234-7267 1-800-SAMSUNG (726-7864)	www.samsung.com/latin/support
	NICARAGUA	001-800-5077267	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	PANAMA	800-7267 800-0101	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	PERU	0-800-777-08 Desde celulares por favor llamar al número 336 8686	www.samsung.com/pe/support
	PUERTO RICO	1-800-682-3180	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	TRINIDAD & TOBAGO	1-800-SAMSUNG(726-7864)	www.samsung.com/latin/support (Spanish) www.samsung.com/latin_en/support (English)
	Venezuela	0-800-SAMSUNG (726-7864)	www.samsung.com/ve/support
Europe	AUSTRIA	0800 - SAMSUNG (0800 - 7267864)	www.samsung.com/at/support
	BELGIUM	02-201-24-18	www.samsung.com/be/support (Dutch) www.samsung.com/be_fr/support (French)
	BOSNIA	051 331 999	www.samsung.com/support
	BULGARIA	07001 33 11, sharing cost	www.samsung.com/bg/support
	CROATIA	062 726 786	www.samsung.com/hr/support
	CZECH	800 - SAMSUNG (800-726786)	www.samsung.com/cz/support
	DENMARK	70 70 19 70	www.samsung.com/dk/support
	FINLAND	030-6227 515	www.samsung.com/fi/support

Area		Contact Center ☎	Web Site
Europe	FRANCE	01 48 63 00 00	www.samsung.com/fr/support
	GERMANY	0180 6 SAMSUNG bzw. 0180 6 7267864* (*0,20 €/Anruf aus dem dt. Festnetz, aus dem Mobilfunk max. 0,60 €/Anruf)	www.samsung.com/de/support
	CYPRUS	8009 4000 only from landline, toll free	www.samsung.com/gr/support
	GREECE	80111-SAMSUNG (80111 726 7864) only from land line (+30) 210 6897691 from mobile and land line	
	HUNGARY	0680SAMSUNG (0680-726-786) 0680PREMIUM (0680-773-648)	http://www.samsung.com/hu/support
	ITALIA	800-SAMSUNG (800.7267864)	www.samsung.com/it/support
	LUXEMBURG	261 03 710	www.samsung.com/support
	MONTENEGRO	020 405 888	www.samsung.com/support
	SLOVENIA	080 697 267 090 726 786	www.samsung.com/si/support
	NETHERLANDS	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com/nl/support
	NORWAY	815 56480	www.samsung.com/no/support
	POLAND	0 801-172-678* lub +48 22 607-93-33 ** *(całkowity koszt połączenia jak za 1 impuls według taryfy operatora) ** (koszt połączenia według taryfy operatora)	www.samsung.com/pl/support
	PORTUGAL	808 20 7267	www.samsung.com/pt/support
	ROMANIA	08008 SAMSUNG (08008 726 7864) TOLL FREE No.	www.samsung.com/ro/support
	SERBIA	011 321 6899	www.samsung.com/rs/support
	SLOVAKIA	0800 - SAMSUNG(0800-726 786)	www.samsung.com/sk/support
	SPAIN	0034902172678	www.samsung.com/es/support
	SWEDEN	0771 726 7864 (SAMSUNG)	www.samsung.com/se/support
	SWITZERLAND	0848 726 78 64 (0848-SAMSUNG)	www.samsung.com/ch/support (German) www.samsung.com/ch_fr/support (French)
	U.K	0330 SAMSUNG (7267864)	www.samsung.com/uk/support
	EIRE	0818 717100	www.samsung.com/ie/support
	LITHUANIA	8-800-77777	www.samsung.com/lt/support
	LATVIA	8000-7267	www.samsung.com/lv/support
	ESTONIA	800-7267	www.samsung.com/ee/support
CIS	RUSSIA	8-800-555-55-55	www.samsung.com/ru/support
	GEORGIA	0-800-555-555	www.samsung.com/support
	ARMENIA	0-800-05-555	www.samsung.com/support
	AZERBAIJAN	088-55-55-555	www.samsung.com/support
	KAZAKHSTAN	8-10-800-500-55-500(GSM: 7799, VIP care 7700)	www.samsung.com/support
	UZBEKISTAN	8-10-800-500-55-500	www.samsung.com/support
	KYRGYZSTAN	8-10-800-500-55-500	www.samsung.com/kz_ru/support
	TADJIKISTAN	8-10-800-500-55-500	www.samsung.com/support
	MONGOLIA	7-800-555-55-55	www.samsung.com/support
	UKRAINE	0-800-502-000	www.samsung.com/ua/support (Ukrainian) www.samsung.com/ua_ru/support (Russian)
	BELARUS	810-800-500-55-500	www.samsung.com/support
	MOLDOVA	0-800-614-40	www.samsung.com/support

Area		Contact Center ☎	Web Site
Asia Pacific	AUSTRALIA	1300 362 603	www.samsung.com/au/support
	NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com/nz/support
	CHINA	400-810-5858	www.samsung.com/cn/support
	HONG KONG	(852) 3698 4698	www.samsung.com/hk/support (Chinese) www.samsung.com/hk_en/support (English)
	INDIA	1800 3000 8282 - Toll Free 1800 266 8282 - Toll Free 30308282 - Non Toll Free	www.samsung.com/in/support
	INDONESIA	0800112888 021-56997777	www.samsung.com/id/support
	JAPAN	0120-327-527	www.samsung.com/jp/support
	MALAYSIA	1800-88-9999	www.samsung.com/my/support
	PHILIPPINES	1-800-10-7267864 [PLDT] 1-800-8-7267864 [Globe landline and Mobile] 02-4222111 [Other landline]	www.samsung.com/ph/support
	SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com/sg/support
	THAILAND	0-2689-3232, 1800-29-3232	www.samsung.com/th/support
	TAIWAN	0800-32-9999	www.samsung.com/tw/support
	VIETNAM	1800 588 889	www.samsung.com/vn/support
MENA	U.A.E	800-SAMSUNG (726-7864)	www.samsung.com/ae/support (English) www.samsung.com/ae_ar/support (Arabic)
	OMAN	800-SAMSUNG(726-7864)	
	KUWAIT	183-2255 (183-CALL)	
	BAHRAIN	8000-4726	
	QATAR	800-2255 (800-CALL)	
	EGYPT	08000-726786 16580	www.samsung.com/eg/support
	ALGERIA	021 36 11 00	www.samsung.com/n_africa/support
	PAKISTAN	0800-Samsung (72678)	www.samsung.com/pk/support
	TUNISIA	80-1000-12	www.samsung.com/n_africa/support
	JORDAN	0800-22273 06 5777444	www.samsung.com/Levant/support (English)
	SYRIA	18252273	www.samsung.com/Levant/support (English)
	IRAN	021-8255	www.samsung.com/iran/support
	MOROCCO	080 100 2255	www.samsung.com/n_africa/support
	SAUDI ARABIA	920021230	www.samsung.com/sa/support www.samsung.com/sa_en/support (English)
	TURKEY	444 77 11	www.samsung.com/tr/support
Africa	NIGERIA	0800-726-7864	www.samsung.com/africa_en/support
	Ghana	0800-10077 0302-200077	
	Cote D' Ivoire	8000 0077	www.samsung.com/africa_fr/support
	SENEGAL	800-00-0077	
	CAMEROON	7095-0077	
	KENYA	0800 545 545	www.samsung.com/support
	UGANDA	0800 300 300	
	TANZANIA	0685 88 99 00	
	RWANDA	9999	
	BURUNDI	200	
	DRC	499999	
	SUDAN	1969	
	SOUTH AFRICA	0860 SAMSUNG (726 7864)	www.samsung.com/support
	BOTSWANA	8007260000	
	NAMIBIA	08 197 267 864	
	ZAMBIA	0211 350370	
	MOZAMBIQUE	847267864 / 827267864	

SAMSUNG

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.